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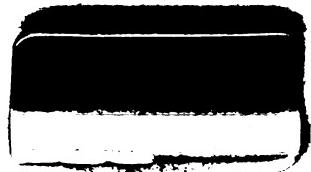
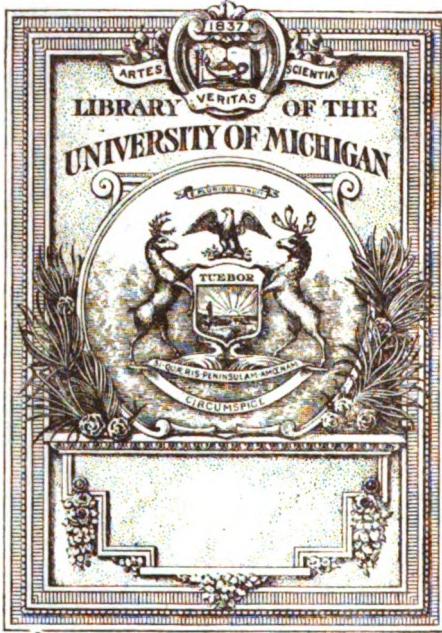
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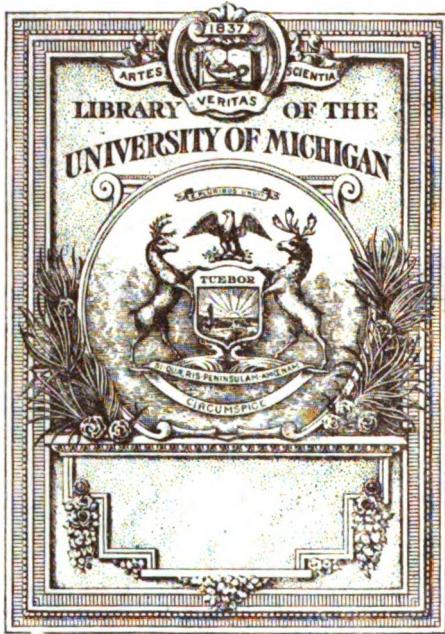


City documents

New Bedford (Mass.)



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CITY DOCUMENTS.

**Mayor's Address to the Council,
City Government,
Annual Reports, Etc.**

For the Year 1902-1903.



NEW BEDFORD,
THE A. E. COFFIN PRESS, CITY PRINTERS,
1903.



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CITY DOCUMENTS.

Mayor's Address to the Council, City Government, Annual Reports, Etc.

For the Year 1902-1903.



NEW BEDFORD,
THE A. H. CORVIN PRESS, CITY PRINTERS,
1902.



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For the Year 1902-1903.



NEW BEDFORD
THE A. H. COPPIN PRESS, CITY PRINTERS,
1903.

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1903—CITY DOCUMENT No. 1.

NINTH INAUGURAL ADDRESS

OF

HON. CHARLES S. ASHLEY

Mayor of New Bedford

**At the Inauguration of the City Government
January Fifth, Nineteen Hundred and Three**



NEW BEDFORD:
THE A. E. COFFIN PRESS, CITY PRINTERS,
1903.

NINTH INAUGURAL ADDRESS

OF

HON. CHARLES S. ASIILEY.

Gentlemen of the City Council:

To have a part in the government of a modern municipality is to have an interesting and instructive experience.

The laws prescribe the rights and duties and mark the limit of action, of the individuals, bodies and boards which make up the city government.

It is the province of the City Council to legislate, to enact the orders, ordinances and resolutions which in its judgment may be necessary to promote the welfare of the city.

It is the duty of the several boards and officials having administrative functions to exercise the same as nearly as may be in accordance with the desires of the City Council as expressed by its legislation. And it is the duty of the executive to carry out the desires of the people as expressed directly or through their representatives in the City Council.

Such is the understanding which has come through my experience as a city official.

In the appropriation and expenditure of the public money, which is a matter of the first importance, we may be guided by former experiences, and for such assistance as may be gathered therefrom, I present a statement of the financial transactions for the year which has just closed.

TAXES.

The tax levy for 1902, as shown by the Assessors' warrant, to the Collector of Taxes, was as follows :

State tax	\$29,730.00
Armory loan, Sinking Fund	2,236.30
Armory loan, interest on the same	4,375.00
County tax	94,604.46
City appropriations	1,018,772.70
Overlay	12,761.05
Collections	<u>\$1,162,479.51</u> <u>1,091,633.67</u>
Balance uncollected	70,845.84
Balance of appropriations of 1902, as per Auditor's account at this date	67,144.15
Excess of taxes over appropriations	<u><u>\$3,701.69</u></u>

About 94 per cent. of the tax levy of 1902 has been collected to this date, the balance unpaid being \$3,605.41 less than for 1901.

The balance of the appropriation of 1900, amounting to \$11,494.15, has been provided for from the taxes of that year, the excess amounting to \$5,352.77 collected, having been credited to Unappropriated Funds.

The balance of appropriations of 1901, as shown by the Auditor's account at this date, is \$5,097.12, for which there are taxes unpaid and collectable more than sufficient to provide for that sum.

Of the taxes of 1901 and for previous years, the collections amounted to \$67,732.38, the sum of \$8,937.11 in excess of the collections for the year previous.

BONDED DEBT.

The bonded debt of the City of New Bedford at this date, December 1, 1902, is in brief as follows :

Gross debt		\$3,903,000
Bonds issued beyond the debt limit :		
Water bonds	\$1,598,000	
Park loans	128,000	
Wharf loan	52,000	1,778,000
Gross municipal debt		\$2,125,000
Sinking funds, gross	\$1,054,482	
Deductions :		
Sinking funds, Water bonds	\$209,830	
Sinking funds, Park bonds	13,492	
Sinking funds, wharf bonds	6,702	230,024
Net debt, less municipal Sinking funds		\$1,300,542
Average valuation for 1900, 1901 and 1902		\$60,695,038
Two and one half per cent. of average valuation		\$1,517,375
Net municipal debt		1,300,542
Borrowing capacity, December 1, 1902		\$216,833
Bonds to mature the present year, 1903, as follows :		
Water bonds, 7s	\$10,000	
Water bonds, 6s	20,000	
Improvement bonds, 6s	10,000	
Improvement bonds, 4s	162,000	\$202,000

ESTIMATED BORROWING CAPACITY.

Assessors' valuation, 1900	\$57,884,452	
Abatements to December 1, 1902	246,502	\$57,637,950
Assessors' valuation, 1901	\$62,896,040	
Abatements to December 1, 1902	490,085	62,405,955
Assessors' valuation, 1902	\$62,561,811	
Abatements to December 1, 1902	520,600	62,041,211
Total for three years, less abatements		\$182,085,116
Average valuation for the three years named		\$60,695,038

MAYOR'S ADDRESS.

Two and one half per cent. of average valuation	\$1,517,975
Net municipal debt	1,300,542
Short of bonded debt, December 1, 1902	\$216,833
Bonds to mature in 1903, other than Water	\$172,000
Estimated increase in Sinking funds	139,786
	311,786
	\$528,619
Less amount to be paid from Sinking funds	162,000
Estimated borrowing capacity to December 1, 1903	\$366,619

SPECIAL APPROPRIATIONS, 1902.

The special appropriations for 1902 were large, due to the extraordinary amount of money required for the construction and extension of school buildings, the purchase of land and other expenses.

The balance of appropriations, per Auditor's account	\$362,814.89
We have borrowed on appropriation for High School lot, note due May 1, 1903	60,000.00
Total amount to provide for	\$422,814.89

EXPENDED FOR SCHOOL BUILDINGS AND LAND.

Extra work, not estimated in contracts	\$22,105.49
Parker Street School, additions and improvements	37,366.61
Morgan lot site for the proposed new High School building	60,001.00
Balance, less expenditures for school buildings	\$119,473.10

	\$303,341.79
--	--------------

The balance, \$303,341.79, may be provided for by the issue of bonds during the year, without exceeding our bonded indebtedness, as shown in the foregoing statement; the amount appropriated for school purposes, \$119,473.10, could be provided from the anticipated receipts for the year from corporation taxes, etc., but from the fact that

such receipts will be required as heretofore for the departments beyond the usual \$12.00 limit allowed for municipal appropriations. I therefore recommend that measures be taken to procure from the Legislature of the present year authority to issue bonds beyond the debt limit for the sum named, together with further authority to provide for the estimated cost of the new High School building.

RECEIPTS AND EXPENDITURES.

The receipts and expenditures for the year, including balance of cash in the treasury December 2, 1901, were as follows:

Balance December 2, 1901		\$67,398.56
Receipts from taxes applied to —		
Appropriations general	\$1,013,979.48	
Temporary loans	1,300,000.00	
From issue of bonds	293,000.00	
From sundry sources	178,341.08	
Commissioners of Sinking Funds,		
Improvement bonds matured	50,000.00	
Receipts from water rates, applied to debt account		
	40,000.00	
Receipts from wharf rates, for same		
	2,080.00	
Water Registrar, rates, etc.		
	132,167.74	
Interest on Trust Funds		
	6,786.00	
Dog licenses, from County		
	3,107.88	3,147,476.56
Total receipts, including balance December 1, 1901		\$3,214,875.14
Expenditures		3,150,247.85
Balance in treasury		\$64,627.29

The collection and disbursement of the large sums of money mentioned in the financial statement is made by the City Treasurer, who is also collector of taxes, water registrar and treasurer of the sinking funds. The

combined duties of these several offices are arduous—there is a lack of office room and other facilities for doing the work, and many conditions exist in connection therewith which are annoying and unsatisfactory.

As a partial relief from such conditions I recommend that a change be made in the ordinances, to enable the Water Board to elect the Water Registrar (who shall hold no other city office), and to provide for the preparation and adjustment under the direction of said board, of all claims on account of the New Bedford Water Works.

Such a recommendation meets with the approval of the present water registrar.

I have been favored with official communications from most of the city departments, which indicate present circumstances and outline policies which may be followed in the future. If I thought that our financial condition would allow, I would present all the claims for special grants which have been requested. Most of the other subjects treated appear to be proper matters for departmental disposition.

I will confine myself to a few matters which have appealed to me as worthy of present consideration by you.

SCHOOL DEPARTMENT.

There is a pressing need in this department for additional school buildings. The small, ungraded schools should be superseded as rapidly as possible by modern buildings and modern methods.

A site should be secured and a new primary school building erected at the south end of the city, between South and Division streets.

The Committee on City Property should procure the portable school buildings, for which the money has been granted, as soon as possible. The matter of school

accommodations, proper facilities and proper methods of construction, are live questions which merit prompt and liberal consideration.

THE PUBLIC HEALTH.

The Board of Health should be encouraged in its efforts to control and stamp out in this community the dread disease which seems to afflict the whole of New England. And means should be provided to secure and maintain a small separate hospital for contagious diseases, like diphtheria and scarlet fever, where afflicted children and others may be cared for, and the expense of quarantining whole families and tenement colonies be saved.

SEWERAGE.

I recommend the extension of the Tripp's Brook Sewer System as a measure to relieve the overloading of this sewer which now occurs during heavy rains. The Grape street sewer should be extended to Kempton street, to provide for the better drainage of the west end of the city, and a portion of the burden of the Tripp's brook sewer diverted to the Grape street sewer by means of a connection with the sewer in Ash street with the 48-inch sewer in Oak street near Allen street.

The north and west sections of the city will require considerable sewer construction during the year. Wherever practicable such new construction should be on the "separate system," separating the surface water from the sewage proper.

THE JURY LIST.

The increased number of jury sessions of the courts in this county requires that larger numbers of our

citizens than formerly be drawn to serve on trial juries. It has been brought to my attention that the local jury list, as the same is now made up, includes the names of many persons who are exempted by law from the performance of this duty, and many others who through some disability are disqualified for this service.

This condition has led to considerable annoyance to the courts and to individuals summoned, and has caused many unnecessary meetings of the Board of Aldermen.

It seems probable to me that there is sufficient information in possession of the Board of Registrars, or that could be obtained through the Board of Assessors, to remedy this trouble.

I recommend the thorough revision of the jury list, with especial regard to capacity for the service required and careful attention to the exemptions made by the statute.

COMMITTEES.

The work of detail and investigation performed by the several general and special committees in the course of the year is of great importance, and relieves the City Council of the necessity of frequent and protracted meetings for deliberations on many matters which can be as well, if not better, considered in committee.

But the value of committee work has often been impaired by laxity or negligence in preserving in a proper manner the records of the meetings and transactions of the committees, and of the presentation to the Council in proper form of the findings and recommendations upon the matters referred to the committees or which have come under their jurisdiction. There has been some just criticism upon this score.

I recommend the appointment of a competent person to be clerk of committees, who shall attend the meetings of the several committees, keep the committee records in

proper shape, and perform such other clerical duties as may be required.

MUNICIPAL STREET SPRINKLING.

The affirmative action of the voters upon the submitted question of street sprinkling at municipal expense makes incumbent on the City Council to give early consideration to the matter of acquiring the proper machinery and of adopting some scheme for putting the plan in operation.

Dictates of economy and prudence demand that such methods as may be suggested be carefully canvassed before acceptance.

It seems to me that the inevitable result of this innovation to improve conditions will be to increase the burden of taxation, first on realty, and eventually the cost of maintenance will fall on householders and tenants in the form of increased rents and expenses.

It is evident that a large annual outlay will be necessary to support a system which can be in use but part of the year.

If you shall determine upon a special committee to have charge of this matter, I trust the selection will be made with care, and that the efforts of the committee will be in the direction of securing the desired object upon the most reasonable terms.

Gentlemen: The duties and obligations you have undertaken are neither novel or involved; the problems you will be called upon to solve are ever recurring and for the most part concern matters of which as private citizens you have already some knowledge.

If you will bring to the service of the city as officials the exercise of that judgment which you possess as plain citizens and business men, your duty will be fairly done and the municipality well served.

IN BOARD OF ALDERMEN,

January 5, 1903.

**Received, ordered printed in the City Documents and
sent down for concurrence.**

D. B. LEONARD; City Clerk.

IN COMMON COUNCIL,

January 5, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 2.

**CITY GOVERNMENT,
1903.**

MAYOR

HON. CHARLES S. ASHLEY

ALDERMEN

Ward 1 — HENRY P. JENNEY
Ward 2 — LOUIS Z. NORMANDIN
Ward 3 — CHARLES H. BROWNELL
Ward 4 — WILLIAM E. SMITH
Ward 5 — CHARLES B. HILLMAN, JR.
Ward 6 — SAMUEL E. BENTLEY

CITY CLERK

DANIEL B. LEONARD

ASSISTANT CITY CLERK
WILLIAM S. COOK

CITY TREASURER AND COLLECTOR OF TAXES
JAMES H. HATHAWAY

CITY AUDITOR
CHARLES J. McGURK

CITY MESSENGER AND CLERK OF COMMITTEES
WALTER H. B. REMINGTON

PAGE TO BOARD OF ALDERMEN
CORNELIUS B. PIPER

CITY GOVERNMENT.

COMMON COUNCIL
PRESIDENT—SAMUEL HIGHAM

Ward One

Henry J. Gurll	John V. Thuot
Joseph H. Handford	Francis P. Washburn

Ward Two

Frederick A. Dammon	Samuel Higham
Michael J. Glennon	Lawrence T. Woolfenden

Ward Three

Charles S. Coombs	Charles W. Jones
Francis W. Hammond	William B. Perry

Ward Four

Charles F. Cushing	Joseph L. Gibbs
Hugh Donaghy	Abbott P. Smith

Ward Five

Daniel W. Baker	Charles M. Carroll
Robert L. Baylies	Frank Croacher

Ward Six

Manuel A. Andrews	John Waldron
William K. Lees	George Winterburn

Clerk — WALTER H. B. REMINGTON

Messenger to Common Council — DAVID M. PIPER

STANDING COMMITTEES OF THE BOARD OF MAYOR AND ALDERMEN

Police — The Mayor, and Aldermen Jenney and Smith

Licenses — Aldermen Brownell, Jenney and Hillman

Burial Grounds — Aldermen Jenney, Smith and Bentley

Enrollment — Aldermen Normandin, Brownell and Hillman

Soldiers' Aid — The Mayor, and Aldermen Brownell and Bentley

Laying Out, Widening and Repairing Streets — The Mayor, and Aldermen Jenney and Smith

JOINT STANDING COMMITTEE OF THE CITY COUNCIL

- Finance* — The Mayor and Alderman Smith, the President of the Common Council, and Councilmen Washburn, Jones, Gibbs, Baylies and Lees
- Audit* — Aldermen Jenney and Brownell, and Councilmen Coombs, Croacher and Andrews
- City Property* — Aldermen Brownell and Jenney, and Councilmen Glennon, Jones and Waldron
- Fuel* — The Mayor and Alderman Bentley, and Councilmen Perry, Cushing and Baker
- Education* — Aldermen Smith and Bentley, and Councilmen Hammond, Carroll and Lees
- Fire Department* — Aldermen Normandin and Hillman, and Councilmen Washburn, Woolfenden and Andrews
- Charities, Almshouse and the Poor* — Aldermen Brownell and Smith, and Councilmen Thuot, Glennon and Baylies
- Street Lights* — Aldermen Jenney and Normandin, and Councilmen Woolfenden, Coombs and Winterburn
- Printing* — Alderman Brownell, and Councilmen Coombs and Carroll
- Buildings in the Fire District* — Aldermen Smith and Hillman, and Councilmen Handford, Washburn and Perry
- Armories and Military Property* — Aldermen Normandin and Hillman, and Councilmen Woolfenden, Gibbs and Winterburn
- Roads, Bridges and Sewers* — Aldermen Jenney and Normandin, and Councilmen Hammond, Donaghy and Baylies
- Water Works and Water Supply* — Aldermen Jenney and Brownell, and Councilmen Handford, Thuot and Smith
- Claims* — Aldermen Smith and Normandin, and Councilmen Gurl, Hammond and Croacher
- Ordinances* — Aldermen Normandin and Bentley, and Councilmen Thuot, Cushing and Winterburn
- Wharves* — Aldermen Smith and Brownell, and Councilmen Glennon, Donaghy and Waldron
- Bath Houses* — Aldermen Jenney and Bentley, and Councilmen Gurl, Gibbs and Waldron

STANDING COMMITTEES OF THE COMMON COUNCIL.

- Election and Returns* — Councilmen Carroll, Gurl and Smith
- Bills in Second Reading* — Councilmen Donaghy, Dammon and Andrews
- Enrolled Ordinances* — Councilmen Gurl, Dammon and Baker

CITY GOVERNMENT**ASSESSORS**

Office, Library Building, Room 6

WILLIAM F. BANNON,	Chairman	1 year
THOMAS F. HEALEY		2 years
HENRY C. RUSSELL		3 years

ASSISTANT ASSESSORS

Ward 1 — JOHN H. FINNELL
Ward 2 — ARTHUR B. CHAPPELL
Ward 3 — PRINCE S. BORDEN
Ward 4 — ROLAND A. LEONARD
Ward 5 — WILLIAM J. ABRAMS
Ward 6 — GEORGE ENGLAND

BOARD OF HEALTH

Office, 52 Pleasant Street

WILLIAM G. KIRSCHBAUM	Term expires February
JOHN T. BULLARD	Term expires February, 1904
MANUEL V. SYLVIA	Term expires February, 1905
WILLIAM G. KIRSCHBAUM,	Chairman

City Physician and Quarantine Physician
HOLDER C. KIRBY

Clerk
SUSIE J. SMALL

Health Inspector
WILLIAM E. MACOMBER

Inspector of Plumbing
LOUIS H. RICHARDSON

Medical Inspector
DR. ALPHONSE NORMANDIN

Bacteriologist
DR. CHARLES F. CONNOR

MEDICAL INSPECTORS FOR SCHOOLS

DR. J. FRANK WEEKS	DR. AUGUSTUS H. MENDELL
DR. FRED C. GRAVES	DR. J. P. ST. GERMAIN

NEW BEDFORD WATER WORKS**NEW BEDFORD WATER BOARD**

His Honor CHARLES S. ASHLEY, Mayor, ex-officio President
SAMUEL HIGHAM, President of Common Council, ex-officio

ROBERT W. TABER, Term expires June, 1904

GEORGE H. HEDGE, Term expires June, 1905

ZEPHANIAH W. PEASE, Term expires June, 1906

Clerk

ROBERT C. P. COGGESHALL

Water Registrar

JAMES H. HATHAWAY

Office, Room 2, Library Building

Superintendent

ROBERT C. P. COGGESHALL

Office, City Hall Building

Inspector

CLIFFORD BAYLIES

Office, Room 2, Library Building

OVERSEERS OF THE POOR

CHARLES S. PAISLER, Chairman

A. H. W. CARPENTER,	Term expires May 1, 1904
CHARLES S. PAISLER,	Term expires May 1, 1905
WILLIAM H. RANKIN,	Term expires May 1, 1906

Secretary

A. H. W. CARPENTER

Messenger

AUGUSTUS A. WOOD

Clerk

ELLA F. BUCKLIN

Superintendent Almshouse and Farm

FREEMAN H. ASHLEY

Physicians

EDWARD T. TUCKER and GEORGE BARNES

CITY GOVERNMENT.

FREE PUBLIC LIBRARY

TRUSTEES

(Ex-officio. Terms expire January, 1904)

CHARLES S. ASHLEY, Mayor of the City
 SAMUEL HIGHAM, President of the Common Council
 WILLIAM E. SMITH, Alderman and Chairman of the Committee of the City Council on Education

(Elected by the Council)

LEMUEL LEB. HOLMES,	Term expires April, 1904
FRANCIS M. KENNEDY,	Term expires April, 1904
WALTER S. ALLEN,	Term expires April, 1905
WILLIAM L. SAYER,	Term expires April, 1905
ISAAC B. TOMPKINS, JR.,	Term expires April, 1906
JIREH SWIFT, JR.,	Term expires April, 1906

President of the Board

THE MAYOR

Clerk

WILLIAM L. SAYER

Committees

On the Library — Messrs. SAYER, TOMPKINS and SWIFT*On Finance* — Messrs. KENNEDY, TOMPKINS and ALLEN*On the Building* — Messrs. HOLMES, ALLEN and SMITH*On Reading Room* — Messrs. SWIFT and SMITH

'Librarian

GEORGE H. TRIPP

Cataloguer

ANNA H. DEWOLF

Assistants

JOSEHINE A. MERRICK	SUSIE H. GAMMONS
ETTA F. LAWRENCE	FLORENCE E. PIERCE
NELLIE C. DAVOLL	CLEMENT YAEGER

Janitor

YORICK W. AMES

COMMISSIONERS OF SINKING FUNDS

MORGAN ROTCH , Chairman,	Term expires March, 1904
WILLIAM A. MACKIE ,	Term expires March, 1905
BENJAMIN F. BROWNELL ,	Term expires March, 1906
JAMES H. HATHAWAY , Secretary and Treasurer	

BOARD OF PARK COMMISSIONERS

Office, Merchants Bank Building

SAMUEL P. RICHMOND ,	Term expires 1st Monday in May, 1904
OBED C. NYE ,	Term expires 1st Monday in May, 1905
CHARLES T. SMITH	Term expires 1st Monday in May, 1906
ERNEST A. WHEATON ,	Term expires 1st Monday in May, 1907
JAMES E. MOORE ,	Term expires 1st Monday in May, 1908

CEMETERY BOARD

JOHN G. NICHOLSON ,	Term expires May 1, 1904
CHARLES H. VINAL	Term expires May 1, 1905
WILLIAM M. HIGHAM ,	Term expires May 1, 1906

Chairman — **JOHN G. NICHOLSON**.
Secretary — **CHARLES H. VINAL**.

Superintendent
CHARLES F. CORNELL

CITY GOVERNMENT.

City Solicitor

BENJAMIN B. BARNEY

City Engineer

WILLIAM F. WILLIAMS

Drawtender

CHARLES B. SAYLES

Superintendent of Streets

CHARLES F. LAWTON

Sealer of Weights and Measures

JOHN N. O'BRIEN

Superintendent of Public Buildings and Buildings in the Fire Districts

EDMUND O'KEEFE

Inspector of Buildings.

EDMUND O'KEEFE

Superintendent of City Clock

WILLIAM B. WOOD

City Bell Ringer

CORNELIUS A. WEBB

Harbor Master

CHARLES H. CRAGEN

Inspector of Petroleum and Vinegar

FRANK R. DELANO

Inspector of Milk, Animals and Provisions

DANIEL C. ASHLEY

Office, 137 Pleasant Street

Supervisor of Wires

DANIEL D. BRIGGS

REGISTRARS OF VOTERS

EMANUEL SULLAVOU,	Term expires May, 1904
WILLARD N. LANE,	Term expires May, 1905
CHARLES T. LUCE,	Term expires May, 1906
EMANUEL SULLAVOU, Chairman	
DANIEL B. LEONARD, Clerk	
Office, Basement City Hall Building	

PRECINCT OFFICERS

(Term of office expires Nov. 1, 1903)

WARD ONE, PRECINCT A

Warden,	Allen Russell, Jr., R.
Clerk,	Michael E. Daley, D.
Inspector,	Nathaniel H. Jenney, R.
"	Ernest A. Jenney, D.
"	Edward C. Taber, R.
"	William O'Neil, D.

Deputies

Warden,	Thomas Riding, R.
Clerk,	Thomas E. Smith, D.
Inspector,	Frederick H. Roscow, R.
"	Timothy J. Sullivan, D.
"	Daniel A. Cotter, R.
"	—————, D.

WARD ONE, PRECINCT ONE

Warden,	Michael F. Harlow, R.
Clerk,	John H. Finnell, D.
Inspector,	Henry H. Hacking, R.
"	Daniel J. Connolly, D.
"	Joseph Magnant, R.
"	Joseph N. L'heureux, D.

Deputies

Warden,	Edward Hughes, R.
Clerk,	John H. Boyle, D.
Inspector,	Stephen F. Neary, R.
"	Patrick H. Murphy, D.
"	Stephen H. Sullivan, R.
"	_____, D.

WARD ONE, PRECINCT TWO.

Warden,	Edward P. Canby, D.
Clerk,	George B. Borden, R.
Inspector,	John J. Toomey, D.
"	Charles T. Brownell, R.
"	Daniel S. Considine, D.
"	William W. Pease, R.

Deputies

Warden,	John K. Smith, D.
Clerk,	William F. Chase, R.
Inspector,	John S. Harrington, D.
"	George W. Taylor, R.
"	_____, D.
"	John B. Lowney, R.

WARD TWO, PRECINCT THREE

Warden,	George P. Macomber, R.
Clerk,	Lawrence H. Barney, D.
Inspector,	Charles T. Burgess, R.
"	Joseph Desmond, D.
"	Charles L. Faunce, R.
"	Asa L. H. Allen, D.

Deputies

Warden,	Edward H. Carter, R.
Clerk,	Michael McDonnell, D.
Inspector,	Edward B. Swift, R.
"	Daniel G. Dinnegan, D.
"	George E. Saxon, R.
"	Dennis H. Toomey, D.

WARD TWO, PRECINCT FOUR

Warden, George K. Dammon, R.
Clerk, John N. O'Brien, D.
Inspector, Philip R. King, R.
 " John H. Ryan, Jr., D.
 " Bartholomew P. Fury, R.
 " Joseph P. H. Clarke, D.

Deputies

Warden, Samuel E. Gabriel, R.
Clerk, Thomas J. Murphy, D.
Inspector, James H. Bamford, R.
 " Peter J. Riley, D.
 " James C. McNutt, R.
 " ———, D.

WARD THREE, PRECINCT FIVE

Warden, Joshua B. Ashley, Jr., D.
Clerk, Charles R. Hathaway, R.
Inspector, Henry F. Hammond, D.
 " Walter A. Jenney, R.
 " Obed S. Cowing, D.
 " Augustus G. Moulton, R.

Deputies

Warden, Joshua G. Lapham, D.
Clerk, Abner P. Pope, R.
Inspector, Samuel J. Lowe, D.
 " Prince S. Borden, R.
 " Henry M. Maine, D.
 " Frederick H. Geils, R.

WARD THREE, PRECINCT SIX

Warden, Michael A. Baker, D.
Clerk, B. Franklin Wordell, R.
Inspector, William E. Cooper, D.
 " Joseph C. Forbes, R.
 " William W. Atwood, D.
 " Arthur A. Dexter, R.

Deputies

Warden,	Alexander T. Stowell, D.
Clerk,	Gilbert Borden, Jr., R.
Inspector,	Henry Smith, D.
"	Samuel H. Perry, R.
"	Fred W. Silver, D.
"	William York, R.

WARD FOUR, PRECINCT SEVEN

Warden,	William F. Caswell, R.
Clerk,	Walter R. Myrick, D.
Inspector,	_____, R.
"	Charles F. Dean, D.
"	Arthur C. Spooner, R.
"	George R. Young, D.

Deputies

Warden,	James B. Russell, R.
Clerk,	James A. Young, D.
Inspector,	Charles F. Grow, R.
"	Henry C. Gray, D.
"	Charles L. Ricketson, R.
"	Edwin P. Sowle, D.

WARD FOUR, PRECINCT EIGHT

Warden,	Henry A. Gray, D.
Clerk,	William B. Topham, R.
Inspector,	John W. Carter, D.
"	Frederick D. Barrows, R.
"	Thomas L. Parsons, D.
"	William E. Carroll, R.

Deputies

Warden,	George T. Macomber, D.
Clerk,	Seth W. Godfrey, R.
Inspector,	George H. Bowen, D.
"	Irwin Merrihew, R.
"	_____, D.
"	William A. Carroll, R.

WARD FIVE, PRECINCT NINE

Warden,	John C. Emery, R.
Clerk,	Charles F. F. Jones, D.
Inspector,	Antone H. Senna, R.
"	Charles D. Russell, D.
"	Charles A. Bennett, R.
"	George P. Richardson, D.

Deputies

Warden,	George F. Curry, R.
Clerk,	Frank P. P. Tuell, D.
Inspector,	Harry C. Vaughan, R.
"	Rodolphus A. Swan, D.
"	Edward P. Dugan, R.
"	_____, D.

WARD FIVE, PRECINCT TEN

Warden,	Charles F. Briggs, D.
Clerk,	_____, R.
Inspector,	Michael T. Francis, D.
"	David M. Piper, R.
"	James J. Donaghy, D.
"	Charles A. S. Sherman, R.

Deputies

Warden,	Edwin L. Tillinghast, D.
Clerk,	Merton L. Hathaway, R.
Inspector,	James H. Miskell, D.
"	James H. Magnett, R.
"	John Miskell, D.
"	Leander G. Markham, R.

WARD SIX, PRECINCT ELEVEN

Warden,	John J. Meaney, D.
Clerk,	Leander A. Williston, R.
Inspector,	John F. Carney, D.
"	Frank T. Cooke, R.
"	William N. Nelson, D.
"	Anderson H. Swift, R.

CITY GOVERNMENT.*Deputies*

Warden,	John W. Spencer, D.
Clerk,	David Bromley, R.
Inspector,	Frank M. Jennings, D.
"	Maurice C. Downey, R.
"	Michael Stapleton, D.
"	Walter W. Snailham, R.

WARD SIX, PRECINCT TWELVE

Warden,	Marshall S. Greene, R.
Clerk,	Norman Barstow, D.
Inspector,	William W. Bonney, R.
"	George L. Jennings, D.
"	Daniel E. Nelson, R.
"	William C. Demello, D.

Deputies

Warden,	Joseph Menton, R.
Clerk,	Owen J. Dowd, D.
Inspector,	Philip E. Fogarty, R.
"	Patrick J. McDonald, D.
"	Francis Thorley, R.
"	Henry M. Whelan, D.

WARD LINES.

**CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
April 25, 1895.**

Ordered, That in conformity with section 96 of chapter 417 of the Acts of the Legislature of the Commonwealth, in the year 1893, the several wards of the city, until the first day of May, 1895, and until otherwise ordered, be and they are hereby divided and established according to the following described lines, to take effect January 1, 1896:

Ward One. All that portion of the city lying north of a line beginning at the river, and drawn through the centre of Linden street to Ashland street, thence through the centre of Ashland street to Durfee street, and thence through the centre of Durfee street to the west line of the city, will constitute Ward One.

Ward Two. All that portion of the city lying between a line drawn from the river through the centre of Linden street to Ashland street, thence through the centre of Ashland street to Durfee street, thence through the centre of Durfee street to the west line of the city, and a line drawn from the river through the centre of Campbell street to County street, thence through the centre of County street to Sycamore street, thence through the centre of Sycamore street to Cedar street, thence through the centre of Cedar street to Smith street, and thence through the centre of Smith street to the west line of the city, will constitute Ward Two.

Ward Three. All that portion of the city lying between a line drawn from the river through the centre of Campbell street to County street, thence through the centre of County street to Sycamore street, thence through the centre of Sycamore street to Cedar street, thence through the centre of Cedar street to Smith street, thence through the centre of Smith street to the west line of the city, and a line drawn from the river through the centre of High street to County street, thence through the centre of County street to Kempton street, thence through the centre of Kempton street to the west line of the city, will constitute Ward Three.

Ward Four. All that portion of the city lying between a line drawn from the river through the centre of High street to County street, thence through the centre of County street to Kempton street, thence through the centre of Kempton street to the west line of the city, and a line drawn from the river through the centre of School street to County street, thence through the centre of County street to Arnold street, and thence through the centre of Arnold street to the west line of the city, including Fish and Pope's Islands, will constitute Ward Four.

Ward Five. All that portion of the city lying between a line drawn from the river through the centre of School street to County street, thence through the centre of County street to Arnold street, thence through the centre of Arnold street to the west line of the city, and a line drawn from the river through the centre of Grinnell street to Fourth street, thence through the centre of Fourth street to Washington street, thence through the centre of Washington street to Dartmouth street, thence through the centre of Dartmouth street to Grape street, thence through the centre of Oak and Grape streets to Rockdale avenue, thence through the centre of Rockdale avenue to Allen street, and thence through the centre of Allen street to the west line of the city, will constitute Ward Five.

Ward Six. All that portion of the city lying south of a line drawn from the river through the centre of Grinnell street to Fourth street, thence through the centre of Fourth street to Washington street, thence through the centre of Washington street to Dartmouth street, thence through the centre of Dartmouth street to Oak street, thence through the centre of Oak and Grape streets to Rockdale avenue, thence through the centre of Rockdale avenue to Allen street, and thence through the centre of Allen street to the west line of the city, including Palmer's Island, will constitute Ward Six.

Adopted in concurrence.

Approved by the Mayor, April 27, 1895.

VOTING PRECINCTS

As designated and established by the Mayor and Aldermen, under the provisions of chapter 417 of the Acts of the Legislature of 1893, and the provisions of chapter 11 of the Revised Laws of the Commonwealth, to take effect Jan. 1, 1902.

Ordered, That the several wards of the city be, and they are hereby divided into voting precincts for the holding of all meetings for the choice of all officers who are elective by the people, and that the dividing lines of said precincts be as hereinafter defined.

IN WARD ONE.

All that portion of said ward lying north and east of a line drawn from a point in the channel of the Acushnet river formed by the extension of a line through the centre of Sawyer street, thence westerly in said extended line, and in the centre of Sawyer street to the easterly line of the New York, New Haven & Hartford railroad ; then northerly in the easterly line of said railroad to the northerly boundary line of the city, shall be known as Precinct "A."

All that portion of said ward lying east and south of a line beginning at a point in the centre of Sawyer street, at the east line of the New York, New Haven & Hartford railroad, thence westerly in the centre of Sawyer street to its intersection with a line formed by the extension of a line through the centre of Purchase street ; thence southerly in the centre of Purchase street to the centre of Weld street ; thence westerly in the centre of Weld street to the centre of State street ; thence southerly in the centre of State street to the centre of Linden street, shall be known as Precinct One.

All that portion of said ward lying west and north of a line beginning at a point in the centre of Linden street at its intersection with a line formed by the extension of a line through the centre of State street ; thence northerly through the centre of State street to the centre of Weld street ; thence easterly in the centre of Weld street to the centre of Purchase street ; thence northerly in the centre of Purchase street to the centre of Sawyer street ; and thence easterly in the centre of Sawyer street to the easterly line of the New York, New Haven & Hartford railroad ; thence northerly in the easterly line of the New York, New Haven & Hartford railroad to the northerly boundary line of the city, shall be known as Precinct Two.

IN WARD TWO.

Said line shall begin at a point formed by the extension of a line through the centre of County street at its intersection with Linden street, thence south through the centre of County street to the center of Locust street, thence through the centre of Locust street to the centre of Chestnut street, thence south through the centre of Chestnut street to a point in said Chestnut street at its intersection with a line formed by the extension of a line through the centre of Sycamore street. The precincts in said ward being further defined as follows: All that part of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Three; all that part of said ward lying west of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Four.

IN WARD THREE.

Said line shall begin at a point in the centre of County street intersecting with a line formed by the extension of a line through the centre of Sycamore street, thence south through the centre of County street to its intersection with a line formed by the extension of a line through the centre of High street. And is further defined as follows: All that portion of said ward lying east of said division line as drawn through the centre of County street shall be and is hereby made a voting precinct to be known as Precinct Number Five; all that portion west of said division line as drawn through the centre of County street shall be and is hereby made a voting precinct to be known as Precinct Number Six.

IN WARD FOUR.

Said line shall begin at a point in the centre of Kempton street at its intersection with a line formed by the extension of a line through the centre of Summer street, thence south through the centre of Summer street to its intersection with a line formed by the extension of a line through the centre of Elm street, thence west through the centre of Elm street to the centre of Cottage street, thence south in the centre of Cottage street to a point at its intersection with a line formed by the extension of a line through the centre of Arnold street. And is further defined as follows: All that portion of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Seven; all that portion lying west of said division line is hereby made a voting precinct to be known as Precinct Number Eight.

IN WARD FIVE.

Said line shall begin at a point in the centre of County street and in the centre of School street, thence south in the centre of County street to the centre of Russell street, thence east in the centre of Russell street to the centre of South Sixth street, thence south in the centre of South Sixth street to its intersection with the centre of County street, thence in the centre of County street to its intersection with a line drawn through the centre of Washington street. The precincts in said ward being further defined as follows: All that portion of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Nine; and all that part of said ward lying west of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Ten.

IN WARD SIX.

Said line shall begin at a point in the centre of Fourth street at its intersection with the centre of Grinnell street, thence south in the centre of Fourth street to the centre of Rivet street, thence westerly in the centre of Rivet street to the centre of County street, thence southerly in the centre of County street to Clark's Cove, so called. The precincts in said ward being further defined as follows: All that portion of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Eleven; all that portion of said ward lying west of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Twelve.

Adopted.

CITY GOVERNMENT

FIRE DEPARTMENT

CHIEF ENGINEER

FREDERICK MACY, Term expires April, 1908
Office, City Hall Building.

ASSISTANT ENGINEERS

First—EDWARD F. DAHILL,	Term expires April, 1907
Second—JAMES J. DONAGHY,	Term expires April, 1906
Third—WILLIAM E. WATSON, JR.,	Term expires April, 1905
Fourth—ROBERT WOOLFENDEN, Jr.,	Term expires April, 1904

CLERK OF BOARD OF ENGINEERS

FRED B. MACY

MEMBERS OF THE NEW BIDFORD PROTECTING SOCIETY

(*Special Police officers, to serve at fires*)

Akin, Thomas B.	Hammond Henry F.	Pitman, William H.
Allen, George H. H.	Haskell Charles M.	Potter, William F.
Allen, Gideon	Holden, Charles H.	Read, William F.
Bamford, James H.	Howard, Henry, Jr.	Robbins, Arthur E.
Bamford, William	Howland, John J.	Robinson, William A.
Bennett, George W.	Humphrey, J. L., Jr.	Rotch, Morgan
Bentley, Lewis E.	Hutchinson, Henry S.	Richardson, Louis H.
Blossom, Simpson J.	Kelley, Charles S.	Sanford, Gardner T.
Bly, O. Frank	Kingman, G. D.	Smith, Alexander T.
Bonneau, Francis A.	Knowles, Thomas H.	Snow, Robert
Bourne, Standish	Lawton, Charles H.	Sullivan, Daniel J.
Coe, Isaac H., Jr.	Lewis, Edgar R.	Taber, Frederick
Coggeshall, R. C. P.	Lewis, William J.	Taylor, William T.
Denison, Henry C.	Lowe, John H.	Thilo, F. E.
Dias, Joseph	Macy Frederick B.	Thornton, Alfred
Dunham, Ernest A.	Macy, George I.	Vincent, Mark T.
Eldridge, John, Jr.	Macy, J. Roland	Washburn, Fred'ic A.
Francis, James P.	Manchester Phil'd'r F.	West, William R.
Gardner, Edward R.	Maxfield, Edmund F.	Wilbor, Alfred G.
Gifford, Charles H.	Nye, Willard, Jr.	Wilde, Edmond L.
Gifford, Frank H.	Parker, David L.	Wood, Edmund
Gifford, Thomas J.	Paine, Charles L.	Wood, Horace
Hadley, A. W.	Peirce, Stephen D.	Wood, Thomas F.
Hadley, Fred V.	Penney, Edward F.	
Hammond, Edgar B.	Pierce, Edward T.	

POLICE DEPARTMENT

CHIEF :

HENRY W. MASON

DEPUTY CHIEF :

JAMES L. WILBER

CAPTAINS :

JOHN C. PARKER,
Day Force

ARTHUR H. JONES,
Night Force

LIEUTENANTS :

LEMUEL D. ADAMS
SETH E. BRYANT
THOMAS W. COMSTOCK
THOMAS FAY

CHARLES L. McBAY
THOMAS J. TAFT
JOSEPH B. WING

INSPECTORS :

FRANKLIN L. HATHAWAY **GEORGE E. GENDRON**

SERGEANTS :

EDMUND FOLEY
CHARLES C. GIFFORD
JEREMIAH McCARTHY

WILLIAM E. ROSCOE
HARRY D. STOW
WILLIS C. UNDERWOOD

CLERK :

HENRY N. WEST

COURT AND COMMITTING OFFICER :

LIEUT. LEMUEL D. ADAMS

EMERGENCY OFFICER, STATION ONE :

PATRICK KENNEDY

HEALTH OFFICER :

WILLIAM E. MACOMBER

MATRON :

MRS. SARAH M. BROWNELL

PATROLMEN :

Aldrich, Oscar F.	Lee, Allen L.
Allen, Charles E.	Loftus, Anthony
Allen Edgar W.	Lowther, George H.
Allen, Edward	McCarthy, Edward
Allen, Robert N.	McDonald, Daniel J.
Almond, Walter	McDonnell, James
Almond, Wiliiam Jr.	McDonnell, Patrick
Atwood, William W.	McEnnis, Robert B.
Benoit, William R.	McLeod, Samuel D.
Callanan, Thomas F.	Meehan, Daniel
Cannavan, Patrick	Mosher, Albert E.
Church, Charles B.	Murphy, Cornelius J.
Clough, George H.	Nickerson, Charles F.
Clark, Ulysses L.	Nye, Frederick L.
Cole, William T.	Oliver, John F.
Cowing, William J.	Pinkham, George W.
Cox, James M.	Raymond, Hiram E.
Dahoney, Thomas	Remington, Frank L.
Daley, Jeremiah E.	Ricketson, Harrison D.
Demers Frank E.	Rooks, Albert H.
Deneen, Daniel	Rooks, John C.
Dodds, James	Russell, Eugene F.
Doherty, Edward P.	Savage, James W.
Durant, Lawrence J.	Sharples, Smith
Earley, Edward C.	Smith, Andrew J.
Eldridge, Washington A.	Smith, Charles F.
Fowler, William	Spooner, John C.
Gibbs, Nathaniel F.	Sullivan, James H.
Hafords, Stephen, Jr.	Sullivan, Timothy
Harrington, Daniel	Sweeney, Daniel B.
Holloway, Arod B.	Sylvia, Frank W.
Howland, William A. E.	Taber, Jeremiah M.
Humphrey, Daniel J.	Tripp, Chester L.
Ivey, James A.	Vogel, Robert F.
Karcher, Frederick	Welsh, William
Kenney, Patrick	Willis, Rufus H.
Lawrence, George H.	Winslow, George F.
	Wixon, James A.

HARBOR POLICE :

JOSEPH De L. SISSON

RESERVE POLICE:

Allen, Robert E.	Head, Edward E.
Ashley, Henry T.	Henderson, Joseph C.
Breault, Narcisse A.	Horton, Eliphalet M.
Brightman, Ellery E.	Hynes, Edward A.
Caswell, Charles A.	Lamott, Benjamin
Connell, Daniel C.	Mack, Thomas E.
Craft, James F.	Maguire Patrick J.
Crapo, Albert A., Jr.	McKinstry, Albert E.
Cushing, William S.	Murdy, Robert H.
Daley, Charles F.	Place, Joseph A.
Downey, Daniel	Ratcliffe, Robert B.
Dupuis, Wilfred H.	Sullivan, Matthew
Fay, John H.	Timber, Geo. W.
Gay, Harry M.	Wilcox, Seth A.
Glennon, Wm. F.	Williams, Benjamin F., Jr.
Hayden, Abram L.	

WAGONMEN:

John M. Jones	George W. Paige
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DRIVERS:

Edward F. Jennings	William M. Ryan
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HOUSEKEEPERS:

Arnett, Henry	Stevens, Henry
Arnett, James W.	Vogel, George
Dayton, Luther M.	Wilson, Thomas H.
Mitchell, William H.	

SPECIAL HOUSEKEEPERS:

Jones, Isaac M.	Manchester, John B.
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JANITOR:

Moses C. Drew

CONSTABLES:

The Members of the Police Force
and

Dean, John H	Patnaude, Joseph C.
Frissell, Amasa R.	Perry, Samuel C.
La Roche, Louis	Spooner, Arthur C.
McDonnell, Michael	Blair, John K.
Moore, Lewis S.	

CITY GOVERNMENT.

KEEPER OF THE LOCKUP:

James L. Wilber

PROBATION OFFICER:

Edward Williams

SPECIAL POLICE OFFICERS:

Baker, Daniel W.	Donaghy, Joseph
Bartel, Leopold	Driscoll, Patrick J.
Bentley, Frank T.	Duckworth, Wm. A.
Berry, James H.	Duffy, Thomas
Bliss, Frederick P.	Durfey, Richard T.
Bliss, William H.	Eldridge, Samuel T.
Booth, Benjamin T.	England, George
Borden, Prince S.	Etchell, Edward
Broadbent, Samuel S.	Fay, Miles H.
Brown, William L. G.	Ferguson, Joseph
Buckley, Alfred R.	Ferguson, William
Burgess, Stephen	Finn, Michael
Burke, Michael I.	Fitzgerald, James
Burke, William	Fournier, Napoleon J.
Butts, Henry R., Jr.	Francis, Frank W.
Callahan, John	Frissell, Amasa R.
Chipman, James F.	Fuller, Jonathan A.
Clark, William	Garant, Joseph
Clarkson, Nicholas J.	Garvin, Patrick F.
Clynes, Thomas	Geddis, Henry S.
Collins, John	Gibbs, Preston H.
Conklin, Abraham	Gibbs, William H. H.
Connelly, Daniel J.	Gifford, John
Corish, John	Glennon, Thomas F.
Corley, Maurice C.	Grant, Lafayette
Cornell, Charles F.	Greene, Marshall S.
Cornell, Sydney I.	Hammer, Frederick M. (vet.)
Crafts, James	Harrington, Cornelius
Crafts, James F.	Harrington, J., Clark street
Cronin, Cornelius	Holloway, James T.
Dammon, George K.	Holmes, Ezra
Davenport, Charles H.	Holmes, John J.
Davis, Otis A.	Houle, Dolor A.
Dean, Thomas F.	Howard, Henry
Deverik, John H. (vet.)	Howland, William G.
Devoll, George H.	Hurl, Daniel

Johnson, Oscar	Quinn, Joseph
Johnson, W. H., Smith street	Rau, Gustavus L.
Jones, Isaac M.	Read, George P.
Joseph, John	Read, Richard A.
Karcher, Fred'k, Sr.	Remington, John G.
Kelley, Hiram C.	Reynolds, James R.
Kennedy, Augustus M.	Richie, David
Kennedy, Thomas	Russell, James B.
Kent, James D. T.	Sadler, William G.
King, Joseph T.	Salmon, John
Lapham, George W.	Saxon, James H.
Lawrence, Cyrus T.	Shea, Michael J.
Leary, Dennis, Jr.	Small, David S.
Lincoln, Ellery C.	Smith, Henry
Little, Frank	Smith, Henry H.
Little, John E.	Spicer, Robert H.
Lumbert, John	Staples, Ellis
Luther, Joseph P.	Stephens, Michael
Manchester, John B.	Tallman, Edward S.
Mathers, Joseph (vet.)	Taylor, Theodore
McDermott, Michael	Taylor, William A.
Macomber, H. M.	Taylor, William J.
Miller, George	Thomas, Edward, Jr.
Morgan, Elias T.	Thompson, Thomas
Morrison, Thomas	Tripp, Benjamin E.
Netcher, George F.	Tripp, Leroy G.
Nicholson, John B.	Tuell, Charles D.
Nye, George E.	Ward, David G. F.
Oliver, John	Warfield, James H.
Palmer, Robert	Waters, Charles O.
Parker, Charles W.	Watts, William H. C.
Partington, William	Weeden, Charles H. L.
Peckham, Samuel W.	Wilbur, Allen R.
Peirce, Anthony, Jr.	Wilcox, Wm. H. (vet.)
Perry, Samuel C.	Wiley, James
Phillips, Henry T.	Williston, Hiram L.
Pierce, Thomas H.	Wilson, John
Pinelle, Joseph	Wood, Charles N.
Place, William J.	Wood, James A.
Pollock, John H.	
Preece, Thomas	

CITY GOVERNMENT.**MEASURERS OF WOOD AND BARK :**

Ashley, Roland R.	Coxen, Charles H.
Ashley, Andrew J.	Notter, John
Borden, Harrisou T.	Potter, Edwin L.
Brownell, Chas. H.	Rodman, Frank P.
Chace, Ira M.	Snell, Geo. A.
Cobb, George A.	Taber, Edward C.
Comey, Charles M.	

SURVEYORS OF LUMBER :

Beetle, John H.	Gray, Charles A., Jr.
Chase, Abram	Jennings, Ralph A.
Desmond, William F.	Murphy, Patrick
Doane, Joshua G.	

MEASURERS OF GRAIN :

Chace, Ira M.	Rodman, Frank P.
Jennings, Ralph A.	

WEIGHERS OF COAL :

Agard, Charles W.	Jennings, Ralph A.
Briggs, Arthur S.	Lindsey, Robert
Butts, Frank A., Jr.	Mitchell, George
Chace, Ira M.	Percy, T. A.
Coe, William A.	Raymond, William D.
Comey, Charles M.	Rodman, Frank P.
Corson, James A.	Russell, Pardon, Jr.
Cuddy, Edward C.	Spencer, Walter G.
Day, Thomas E.	Terry, Herbert C.
Dunham, Zacheus C.	Tripp, Jabez D.
Forbes, Joseph C.	Wilson, Wallace B.
Gifford, Chas. H.	Wood, John
Gray, Charles A., Jr.	Wordell, Wilson I.
Hathaway, B. F., Jr.	

CITY WEIGHERS :

Almy, Harry	Bariteau, Joseph L.
Allen, Vital	Bartlett, Robert W.
Ashley, Moses E. H.	Boucher, Edouard
Ashley, Roland R.	Bouvier, Joseph A.
Babin, Aurel	Bradford, Edgar V.

Brownell, Charles H.	Haggerty, Michael
Budgen, Alfred	Harney, John
Burding, Joseph	Hathaway, B. F., Jr.
Butts, Frank A., Jr.	Hayden, Edward D.
Byrne, James	Head, Frank
Canavan, Michael	Hess, Christian
Chace, Ira M.	Higginbottom, Eli
Cobb, George A.	Hitch, Frank B.
Coe, William A.	Jenney, William T.
Collins, John	Jennings, Charles E.
Comey, Charles M.	Jennings, George L.
Comey, Morris L.	Jennings, John W.
Comisky, John	Jennings, Ralph A.
Cook, Chas. E., 2d.	Jessie, Manuel
Cooper, Albert	Jordan, Frank C.
Curtis, Daniel J.	Kiernan, James F.
Cushing, Joseph B.	King, Joseph F.
Davis, Edwin F.	Kinney, E. D.
Day, Thomas E.	Lagasse, Telesphore
Deneault, Eugene	Langshaw, John P.
Deneault, Moise, Jr.	Lees, Fred
Dias, Joseph, Jr.	Lees, Lewis
Donahue, Joseph F.	Lees, William
Donley, Wm.	Lewis, Edgar R.
Dow, Wm. A.	Levere, Joseph
Downey, Abraham	Lindsey, Robert
Dunham, Zacheus C.	Littler, Henry
Edwards, Charles F.	Lyons, John
Findlay, Thos. S.	Macomber, Harry T.
Forbes, Joseph C.	Maloney, James
Francis, Frank T.	Manning, W. H.
Frates, Joseph	McCarthy, Mortimer
Gallagher, Wm.	McNicholas, James
Gardner, Wm. B.	Mitchell, George
Gero, David	Nooning, Isabel F.
Gifford, John I.	Paul, George H.
Gifford, Chas. H.	Percy, T. A.
Gile, John F.	Perry, John
Gilenos, Hector	Phaneuf, Jeremiah
Gilmore, Thomas	Pierce, David H.
Girvan, Douglass	Pierce, William
Gosselin, Henry	Potter, Edwin L.
Gray, Charles A., Jr.	

CITY GOVERNMENT.

Raymond, William D.	Tomlinson, Peter
Richardson, Harry F.	Tripp, Desmond W.
Robbins, Harry	Tripp, Elliott S.
Robinson, Frank J.	Tripp, Jabez D.
Rodman, Frank P.	Tripp, John E.
Rose, Frank	Tripp, Joseph J.
Russell, Pardon, Jr.	Tripp, Myron E.
Smith, Henry H.	Tucker, Geo. G.
Smith, Thomas D.	Wall, Richard
Smith, William	West, George W.
Soule, Rufus A., Jr.	West, John T., Jr.
Spencer, John W.	White, Peter
Spencer, Walter G.	Whittaker, Frank
Sullivan, Jeremiah T.	Wilde, Albert T.
Sullivan, William H.	Wilson, Wallace B.
Swazey, Atone E.	Winn, Stephen
Sylvia, Antone	Wood, John
Taber, Edward C.	Wordell, Wilson I.
Terry, Herbert C.	York, Joseph

WEIGHERS OF BOILERS AND HEAVY MACHINERY :

Briggs, Arthur S.	Raymond, Wm. D.
Butts, Frank A., Jr.	Russell, Pardon, Jr.
Cook, Charles E., 2d.	Soule, Rufus A., Jr.
Gray, Charles A., Jr.	Spencer, Walter G.
Jennings, Ralph A.	Wilson, Wallace B.

FENCE VIEWERS :

Cobb, George A.	Tuell, Joseph B. C.
Russell, John A.	Young, James A.

POUND KEEPERS :

The Police	John B. Manchester
Wm. H. Johnson (Smith st.)	

FIELD DRIVERS :

Arnett, James W.	Humphrey, Daniel J.
Cook, George H.	Manchester, John B.
Dayton, Luther M.	Wilson, Thomas H.
Dufresne, Adolph	

BOARD OF LICENSE COMMISSIONERS

STEPHEN D. PIERCE,	Term expires June, 1904
JOHN O'NEIL,	Term expires June, 1906
FRANK M. SPARROW,	Term expires June, 1908
FRANK M. SPARROW, Chairman	

1903. CITY DOCUMENT No. 3.

THIRTY-THIRD ANNUAL REPORT

OF THE

NEW BEDFORD WATER BOARD

TO THE

CITY COUNCIL

CONTAINING :

I.

The Report of the New Bedford Water Board for 1902.

II.

The Report of the Water Registrar.

III.

The Report of the Superintendent.

DECEMBER 31, 1902.

**NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.**

NEW BEDFORD WATER BOARD.

1903.

CHARLES S. ASHLEY,

Mayor of the City.

SAMUEL HIGHAM

President of the Common Council.

SAMUEL C. HUNT,

ZEPHANIAH W. PEASE,

ROBERT W. TABER.

CLERK OF THE BOARD, AND SUPERINTENDENT,

ROBERT C. P. COGGESHALL.

WATER REGISTRAR,

JAMES H. HATHAWAY.

FOREMAN,

JOHN C. DEMELLO, JR.

PUMPING STATION,

ADONIRAM S. NEGUS, *Pumping Engineer.*

INSPECTORS,

CLIFFORD BAYLIES,

ARTHUR R. WEEKS,

JOHN B. WILBUR,

WALTER P. MORTON.

REPORT.

CITY OF NEW BEDFORD,
OFFICE OF THE NEW BEDFORD WATER BOARD,
DECEMBER 31ST., 1902.

To the City Council of the City of New Bedford:

GENTLEMEN:—The New Bedford Water Board herewith presents the thirty-third annual report of this department.

There is no department of the city more sensitive to the quickened pulse of prosperity; none must sooner respond to the new emergency, than the water department. A supply of water is one of the first requirements in building operations. There has been an unusual building activity during the past year. Extensions of the distributing system have been made to a degree far in excess of the requirements of recent years. From the present outlook, it would seem that this demand is to continue through the coming year.

The supply has been ample, and we have no concern regarding capacity until our city has reached a growth far beyond its present population. It is well, nevertheless, to call attention to the rapid increase in consumption, part of which is due to the natural increase in the number of takers, and much more to wastefulness. A capacious supply is no excuse for waste. We wish to give emphasis to the remarks in our last report, concerning the city as a user. The city now charges itself a

lump sum annually for all uses. This amount remains the same as when water was first introduced. There is no restriction upon the amount supplied to each department; hence there is no incentive to economical use. Consequently there is more or less waste in these supplies. We feel that the city should set an example to other takers by the exercise of that economy which we encourage elsewhere.

At the recent municipal election the citizens voted in favor of the establishment of a municipal street sprinkling plant. In the estimates submitted to the city council, no allowance was made for the cost of the water which will be consumed, although the department is at present in receipt of revenue from the private company which now provides the service. As we have stated, the city departments place a heavy burden upon the consumption without increasing the credits in compensation. Within a few years the department has been required to provide a vast supply to operate the water motors in connection with the ventilating apparatus in the public school buildings. If this department is to be called upon to supply water for a street sprinkling service, we believe the water consumed should be charged to the street sprinkling department and credited to the water department, that this department should receive the credit for the service it extends.

As it stands, other city departments make a better booking showing at our expense. If the city departments were charged for the service rendered by this department as the water department is charged for the service it seeks from them, the financial showing would offer less cause for criticism. This, to be sure, would be a book-keeping showing and not an actual saving to the tax-payer; but we feel it is highly important that the financial report of this department should represent the actual status.

Early in the year, a communication was received from the water registrar, enclosing a list of fixtures, for which no fixed rate had been provided, and asking instructions as to the charge to be made in such cases. The water registrar was instructed by a vote of this board to apply meters to all supplies enumerated in his list, and to charge metered rates for the water consumed. In all of these cases, the cost of the meter, together with the cost of installation and maintenance is charged to the consumer.

Certain buildings upon land owned by the city, and in charge of this department, which have become more or less dilapidated have been disposed of as follows:

The "Moncrieff" house, near High Hill Reservoir was sold April 24th at auction for removal. The amount realized from this sale was \$73.38.

On October 7th the superintendent was authorized to tear down the buildings remaining upon the "Willard Clark" farm, near Neck street in Rochester.

The "Fletcher" house, on Neck street, Rochester, was sold Dec. 11th at auction for removal. Consideration \$45.00.

The "A. L. Clark" house, on Neck street, Middleboro, was sold Dec. 11th at auction for removal. Consideration \$30.00.

The "Sisson" house, on Neck street, Middleboro, was sold Dec. 11th at auction for removal. Consideration \$51.00.

The "Swett" house, on Long Point road, Middleboro, was sold Dec. 11th at auction for removal. Consideration \$5.00.

On June 5th, Walter P. Morton was appointed permanent inspector in this department, his name appearing first upon the civil service list.

A communication from the city solicitor was presented to the meeting held Sept. 4th, expressing the

opinion that Mr. Hunt, whose term of office expired in June last is a legal member of this board until his successor is duly chosen and qualifies. At the same meeting an opinion was received from the city solicitor setting forth that the use of the railroad track owned by this department connecting the N. Y., N. H. and Hartford system with the Quittacas pumping station cannot be granted to other parties.

In pursuance of instructions received from you at meeting held Oct. 31st, the wages of the laborers and employes of this department were at that meeting increased to the standard of wages paid for similar service in the street department.

On Jan. 4th, a contract was signed with the Camden Iron Works, of Camden, New Jersey, for 227 gross tons of cast iron pipe and special castings. The consideration was \$26.35 per gross ton for ordinary straight bell and spigot pipe of 8 and 6 inch sizes, \$27.60 per gross ton for three inch pipe, \$40.40 per gross ton for two inch pipe and \$55.00 per gross ton for special castings. These prices include delivery upon wharf in this city. The delivery under this contract was concluded in May.

The taking of land for the development of the new bridge approach necessitates the abandonment of the workshop property now used by this department in the near future. The question of re-location has been a frequent theme for discussion at meetings during the last year. We have not been altogether satisfied with the various locations which have been suggested previous to the present month. A few days since, a property came into the market which immediately attracted our attention as admirably suited to the required purpose. We refer to the property of the Johnson Typesetter Company, and land adjoining the same on the south belonging to the estate of David B. Kempton. Both of these properties front the west side of Water street, north of High street.

The brick building standing upon the Johnson land is so situated that the remaining land can be disposed to various uses to the best advantages. With few alterations, the building can be well fitted to serve as a workshop and stable. The location and easy grade of the land also appealed to us.

Being favorably impressed, we obtained options for the purchase of these properties, and these we submitted to you in our communication of the 24th inst., together with our recommendation that the property be purchased.

Under date of Dec. 26th, the following order was unanimously passed by the common council and was adopted in concurrence by the board of aldermen upon the 27th inst.

ORDERED:— That the sum of fourteen thousand dollars (\$14,000.00) be, and the same is hereby appropriated for the purpose of purchasing certain lands and buildings situated on North Water street (now owned by the Johnson Typesetter Co. and the estate of David B. Kempton) for the New Bedford Water Works Department, and that the expense thereof be charged to the account of the New Bedford Water Works.

The following is a brief statement of the financial operations of the past year:

Balance Dec. 1st, 1901,	\$11,368.74
Receipts for the year, all sources,	144,167.74
	<hr/>
	\$155,536.48

The charges have been as follows:

Expenditures for management and repairs,	\$107,387.44
Expenditures for extensions,	27,564.58
	<hr/>
	\$134,952.02

Which leaves a balance to the credit of the works on the books of the City Treasurer, Dec. 1st, 1902,	\$20,584.46
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WATER REPORT.

Debits.

Balance Dec. 1st, 1901,	\$11,368.74
Receipts from water rates,	\$112,106.44
Mains,	4,796.60
Services,	3,010.61
Mill piping,	472.31
Meters,	2,418.46
Fines,	68.00
Workshop,	32.79
Lands, buildings, and taxes,	1,536.43
High Hill reservoir,	124.43
Sealing mill fixtures,	75.67
Miscellaneous,	26.00
Land damage award,	7,500.00
General appropriation for use of water for public purposes,	132,167.74
General appropriation from tax levy to make up deficit,	12,000.00
	65,880.00
	<hr/>
	\$221,416.48

Credits.

Management and repairs, less interest, bonds paid and sinking funds,	\$39,387.44
Extension of works,	27,564.58
Interest on bonds, general appropriations,	\$59,880.00
Interest on Sylvia Ann Howland fund, general appropriations,	6,000.00
Interest paid from water rates,	10,000.00
Bonds paid from water rates,	80,000.00
Sinking funds (further supply) paid from water rates,	105,880.00
	24,000.00
Sinking funds, paid from water rates,	4,000.00
Balance Dec. 1st, 1902,	20,584.46
	<hr/>
	\$221,416.48

The actual outlay for the construction of these works, exclusive of debt, interest, and management and repair account, and not including the cost of the "further supply," is \$1,870,121.54.

Summary of receipts and expenditures for "Further Water Supply" to Dec. 1st, 1902.

Receipts.

Bonds sold December 15th, 1894,	\$200,000.00
Bonds sold April 24th, 1896,	50,000.00
Bonds sold May 2nd, 1896,	200,000.00
Bonds sold July 1st, 1896,	150,000.00
Bonds sold Dec. 18th, 1896,	400,000.00
Bonds sold Jan. 1st, 1897,	200,000.00
Premium on bonds, Dec. 15th, 1894,	\$18,632.00
Premium on bonds, April 24th, 1896,	4,775.00
Premium on bonds, May 2nd and July 1st, 1896,	30,866.50
Premium on bonds, Dec. 18th, 1896,	85,428.00
Premium on bonds, Jan. 1st, 1897,	21,660 111,361.50

	\$1,311,361.50

Expenditures.

Cost of issuing water bonds,	\$991.12
Salaries,	12,408.32
Traveling and other expenses,	\$722.92
Credit—Carriage hire, 2nd audit,	5.00 717.92
Telegraph and telephone messages,	164.34
Legal expenses,	1,681.00
Printing and stationery,	136.74
Water gaugings at Quittacas ponds,	3,179.18
Maintenance of rain guages,	278.50
Survey and map of Quittacas ponds,	2,197.23

Lands bordering upon Quittacas ponds:

Surveying and placing bounds,	\$5,433.84
Examination of titles and other legal expenses,	5,065.79
Cost of land and options,	98,904.18
Surveying water shed, Lakeville ponds,	1,834.55
Clearing land, etc.,	905.92

	\$112,144.28

Credits.

Rents received,	\$682.80
Middleboro taxes received,	103.44
Rochester taxes received,	57.28
Rebate on insurance,	26.67
Sale of hay,	64.00
Sale of machinery,	47.50
Sale of cedar poles,	15.00
Sale of furniture,	29.00
Sale of buildings,	50.00
	1,275.64
	110,868.64

Pumping station and conduit connections at Little and Great Quittacas ponds, etc.:

Engineering,	\$10,334.67
Designing engines and boilers and inspecting construction,	21,711.22
Foundation of pumping station and engines and intake into Little Quittacas pond, etc.,	78,681.58
Inspection of connection between ponds, intake and work around ponds,	3,666.35
Draining and improving grounds and roads,	2,589.90
Cost of engines,	136,748.52
Fire piping,	989.78
Legal expenses,	260.40
Iron castings,	1,894.47
Boiler plates,	1,345.41
Contract, superstructure,	58,116.77
Freight and carting,	169.30
Contract, building boiler,	8,276.26
Draining building, sewerage, etc.,	1,104.65
Crane,	2,780.73
Lighting equipment,	202.62
Other supplies,	780.23
Sluice gates,	1,963.75
Bridges,	84.10
Gate houses, superstructure,	3,440.00
Finishing floors,	1,378.70
Air pumps and connections,	2,688.00
Miscellaneous labor,	1,266.37
Steam piping,	1,512.70
Water gates,	1,151.16

Reheater,	640.00
Flue,	747.09
Covering boiler and steam pipe,	787.70
Feed pump,	396.50
Second boiler,	13,668.49
	—————
	\$359,327.40

Credits.

Sale of cement and brick,	\$322.38
Sale of rope,	27.50
Rebate on insurance,	3.94
Use of derrick fall,	3.00
Amount returned from Acock con- tract,	4,428.06 4,784.83 354,542.57

Force main:

Engineering, including surveying and plac- ing bounds,	\$16,832.07
Examination of titles and other legal ex- penses,	998.05
Cost of land,	7,979.07
Changing dry swamp ditch,	317.54
Contract, cost of pipe and laying,	324,828.80
Inspection on line,	8,858.25
Cost of gates,	6,991.09
Clearing wood,	566.42
Inspection at foundry,	2,736.60
Cast-iron pipe,	4,432.42
Fencing,	130.00
Freight and carting,	298.91
All other supplies,	93.90
Digging drains and other labor,	710.02
Gravel, filling swamp,	1,080.00
	—————
	\$375,658.14

Credits.

Sale of wood,	\$526.17
Labor,	58.25 584.42 \$375,068.72

Distributing reservoir at High Hill:	
Engineering, including surveying and placing of bounds	\$10,149.49
Examination of titles and other legal expenses,	194.87
Cost of land,	8,866.47
Moving buildings and repairs,	513.23
Carriage hire,	10.00
Contract, construction of reservoir,	138,650.72
Cast-iron pipe and other castings,	2,587.57
Masonry inspection,	3,433.00
Cost of changing road,	932.30
Earthwork inspection,	1,007.00
Sluice gates,	4,363.75
All other supplies,	204.02
Work after completion of contract,	1,458.40
Gate houses,	5,721.20
Fence around reservoir,	2,571.75
Steps,	446.40
Weir,	294.89

	\$181,405.06
Credits.	
Sale of land,	\$1,000.00
Sale of wood,	475.00
Labor,	9.44
Insurance rebate,	9.60
Rebate on pickets,	36.70 1,530.74 \$179,874.32

Distributing main from High Hill reservoir to City:	
Engineering, including surveying and placing bounds,	\$5,888.04
Examination of titles and other legal expenses,	139.70
Cost of land,	1,038.51
Cost of pipe and special castings,	108,790.17
Wharfage and handling pipe,	1,868.04
Gasket,	184.44
Inspecting pipe,	1,541.34
Lead,	961.06

Gates and boxes,	6,352.77
Toolhouse, blacksmith shop and tools,	121.21
Labor,	6,864.24
All other supplies,	68.49
Carting,	4,266.55
Freight and express,	5.22
Lumber,	182.60
Inspection,	534.96
Contract, Nash road to reservoir,	26,826.16
Lowering Turner's pond,	100.00
Lowering sewers, etc.,	217.99
Drain in 60-foot way,	129.75
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	\$166,076.33

Credit.

Board of Public Works, crusher stone,	275.87	\$165,800.46
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Railroad, Braley's to Little Quittacas :

Engineering,	\$4,828.20
Hearing at Freetown and legal expenses,	198.29
Contract for railroad,	61,594.40
Inspection,	826.50
Siding at Braley's,	1,473.73
Cast-iron pipe,	408.14
Signs,	143.78
Gravel, etc.,	2,082.70
Wooden Culverts,	672.10
Labor,	15.00
Trestle in coal shed,	1,393.80
	\$78,631.64

Telephone lines :

Labor,	\$15.50
Poles,	373.02
Wiring lines,	94.18
Rent of telephone,	112.50
Other supplies,	6.03
Freight,	20.47
	\$821.70

WATER REPORT.

Dam between Great Quittacas and Pocksha ponds :

Engineering,	\$1,047.20
Contract,	24,600.00
Inspection,	873.50
	<hr/>
Total expenditures,	\$1,308,183.10
Balance to credit of account, Dec. 1st, 1902,	8,178.40
	<hr/>
	\$1,311,361.50

Accompanying this report, and a part of it, are the reports of the Water Registrar and of the Superintendent, which appear in the following pages.

Very respectfully submitted,

CHAS. S. ASHLEY,
SAMUEL HIGHAM,
SAMUEL C. HUNT,
ROBT. W. TABER,
Z. W. PEASE.

Report of the Water Registrar.

CITY OF NEW BEDFORD,
WATER REGISTRAR'S OFFICE,
December 1st, 1902.

To the New Bedford Water Board:

GENTLEMEN:—I herewith present to you the annual statement of my accounts as Water Registrar for the year ending at this date.

RECEIPTS.

Balance Dec. 1st, 1901,	\$11,868.74
Receipts for water :	
Rates, domestic,	\$99,919.48
Rates, manufacturing,	12,187 01
Appropriations for public buildings, fire hydrants, etc.,	
Receipts for mains,	12,000.00 \$124,106 44
Services,	4,796.60
Mill piping,	3,010.61
Meters,	472.31
Fines,	2,418.46
Workshop,	68.00
Quittacas pumping station,	32.79
Railroad,	5.00
Lands, buildings, and taxes,	1,536.43
High Hill reservoir,	124.43
Sealing mill fixtures,	75.67

Fountains,	6.00
Mount Pleasant reservoir,	5.00
Receiving reservoir,	5.00
Land damage award,	7,500.00
	144,167.74

	\$155,536.48
Expenditures for the year ending Dec. 1st, 1902,	134,952.02

Balance cash in treasury, Dec. 1st, 1902,	\$20,584.46

EXPENDITURES.

MANAGEMENT AND REPAIRS.

Engineering and superintendence,	\$4,892.01
Water Registrar, inspection, and clerk hire,	5,387.76

Pumping expenses, engineers, firemen,
and watchmen;

Salaries and labor,	\$6,372.70
Fuel,	7,938.20
Oil, waste, packing, and gas,	363.06
Other supplies,	54.80
Repairs of engines,	146.75
Repairs of boilers,	340.42
Buildings and grounds,	2,286.55
Miscellaneous,	244.46
	17,746.94

Mains:

Cast iron pipe,	144.26
Stop gates,	97.48
Hydrants.	356.84
Flushing and inspecting,	192.05
	790.63

Services:

Pipe,	143.81
Renewing and driving stop boxes,	406.38
Clearing stops, taps and pipe,	32.32
	582.51
Fountains :	117.80
Meters :	119.40

General maintenance :

Printing, stationery, advertising, and postage,	577.86
Car fares, express, telephone, telegraph,	483.19
Horses and wagons,	987.31
Labor at workshop,	1,070.25
Materials at workshop,	92.52
Fuel and lighting at workshop,	155.03
Miscellaneous,	231.36
Lands, buildings, taxes, etc.,	1,499.40
Little Quittacas pond and inlet conduit,	535.09
48 inch steel force main,	178.00
High Hill reservoir,	774.21
36 inch distributing main,	534.39
Connection Little Quittacas pond and storing reservoir,	84.30
Receiving reservoir,	38.70
Mt. Pleasant distributing reservoir,	69.35
Meteorological instruments,	39.94
Railroad,	1,221.75
Purchase street station,	1,154.30
Sealing mill fixtures,	23.44

Sinking funds paid from water rates :

Further water supply,	\$24,000.00
Old supply,	2,800.00
Bonds of 1900,	1,200.00
	28,000.00
Bonds paid from water rates,	30,000.00
Interest paid from water rates,	10,000.00
	\$107,387.44

EXTENSIONS.

Mains :

Main pipe and special castings,	\$9,146.76
Stop gates,	752.03
Hydrants,	492.00
Lead and gasket,	1,370.29
Tools,	952.10
All other supplies	726.60
Freight and carting,	147.07
Labor,	6,689.94
	20,276.79

Services :

Pipe,	1,440.68
Taps and stops,	228.72
All other supplies,	92.10
Labor,	2,025.43
Plumbing,	469.40
	4,256.33

Meters :

Cost of meters,	2,628.62
Cost of setting,	16.35
Mill piping,	386.49

Total expenditures for the year,	\$134,952.02
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Whole outlay upon the works to this date,	\$3,297,836.46
Balance Dec. 1st, 1902,	20,584.46
<hr/>	
	\$3,318,420.92

The receipts from the commencement of the works to this date have been as follows, viz.:

Appropriations by the city council,	\$1,038,000.00
Receipts from water and other sources,	2,280,420.92

Deduct total outlay,	\$3,318,420.92
	3,297,836.46

Balance as above, Dec. 1st, 1902,	\$20,584.46
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Outlay,	\$3,297,836.46
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Deduct from outlay :

Paid for management and repairs,	\$818,826.78
Interest paid,	157,788.14
Bonds paid,	255,000.00
Sinking funds,	28,500.00
Sinking funds (further supply),	164,000.00
Sinking funds, bonds of 1900,	3,600.00
	1,427,714.92

Actual cost of works,	\$1,870,121.54
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Total receipts for water,	\$2,280,420.92
Deduct the amount for maintenance, debt, interest, and sinking funds,	\$1,427,714.92
Water receipts applied to construction,	\$852,706.00

The funds for the construction of these works have been derived from the following sources, viz. :

Investment of Sylvia Ann Howland educational bequest,	\$100,000.00
Sylvia Ann Howland water bequest,	100,000.00
Received from sale of bonds,	815,000.00
Net receipts applied to construction,	852,706.00
Appropriation for construction in 1885,	23,000.00
	\$1,890,706.00
Deduct balance Dec. 1st, 1902,	20,584.46
Cost of works as stated above,	\$1,870,121.54

The water debt at this date is as follows, viz. :

Water bonds 7 per cent.,	\$70,000.00
" " 6 " "	100,000.00
" " 5 " "	40,000.00
" " 4 " "	140,000.00
" " 4 " " (further supply),	1,200,000.00
" " 3½ " "	48,000.00
Sylvia Ann Howland bequest, 6 per cent.,	100,000.00
	\$1,698,000.00
Less sinking funds,	216,583.90
Net water debt, Dec. 1st, 1902,	\$1,481,416.10
Outlay for management and repairs,	\$107,387.44
Outlay for extensions,	27,564.58
	\$134,952.02

WATER REPORT.

Deductions :

Receipts for services,	\$3,010.61
Receipts for meters sold,	2,418.46
Receipts for mains,	4,796.60
Receipts for lands, buildings, fines, and other sources,	2,835.63
Land damage award,	7,500.00 20,061.30
Net expenditures,	<u>\$114,890.72</u>
Amount appropriated in 1902 for interest on water loan,	\$65,880.00
Expenditures by the Water Board,	<u>114,890.72</u>
Actual amount expended in 1902,	\$180,770.72
Water receipts in 1902,	\$124,106.44
Water receipts in 1901,	119,583.64
Increase in 1902,	<u>\$4,522.80</u>

Statement of "Further Water Supply" account.

RECEIPTS.

Bonds sold,	\$1,200,000.00
Premium on same,	111,361.50
Sales, etc.,	8,456.50
	<u>\$1,319,818.00</u>

EXPENDITURES.

Amount paid as per schedule,	\$1,816,639.60
Balance unexpended Dec. 1st, 1902,	<u>\$3,178.40</u>

Respectfully submitted,

JAMES H. HATHAWAY,

Water Registrar.

Report of the Superintendent.

NEW BEDFORD WATER WORKS,
SUPERINTENDENT'S OFFICE,
December 1st, 1902.

To the New Bedford Water Board:

GENTLEMEN: — The thirty-third annual report of the superintendent, for the year ending Dec. 1st, 1902, is herewith presented.

There has been no lack of supply, and the quality has remained satisfactory throughout the year.

An examination of the rainfall records, copies of which appear later in this report, shows that the total amount of rain which has fallen during the year is below the average.

Through the courtesy of Chief Engineer Goodnough, of the State Board of Health, I herewith present a statement of the results obtained by the chemical examination of water collected from locations as stated. These appear in the following pages:

WATER ANALYSIS, STATE BOARD OF HEALTH.
PARTS IN 100,000.

DATE OF COLLECTION.	APPEARANCE.		ODOR.		RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS CHLORINE.	OXYGEN CONSUMED. Nitrites. Nitrate.	IRON. Hardness.							
	Turbidity.	Sedimentation.	Color.	Cold.	Hot.	Loss on Ignition.		Total.										
						In solution.	In suspension.											
38.432	1901 Dec. 23 | 24 1902 Jan.	Very slight	.28	Paintly vegetable	Distinctly vegetable	3.45	1.40	2.05	.0020	.0180	.0162	.0028	.54	.0010	.0000	.40	1.0	—
38.125	21 | 21 Feb.	Very slight	.28	None	Faintly vegetable	8.35	1.60	1.75	.0020	.0150	.0130	.0020	.51	.0020	.0000	.67	0.8	—
39.136	25 | 26 Mar.	Very slight	.32	Faintly vegetable	Distinctly vegetable	8.60	1.70	1.90	.0012	.0186	.0142	.0066	.47	.0010	.0000	.63	0.6	—
39.464	28 | 29 Apr.	Very slight	.28	Faintly vegetable	Distinctly vegetable	3.00	1.50	1.50	.0014	.0184	.0166	.0018	.48	.0010	.0000	.48	0.6	—
39.850	29 | 30 May	Very slight	.28	None	Faintly vegetable	2.65	1.25	1.40	.0028	.0162	.0146	.0016	.39	.0030	.0001	.49	0.5	—
40.296	27 | 28 June	Very slight	.28	None	Faintly vegetable	2.90	1.25	1.65	.0016	.0170	.0154	.0016	.44	.0020	.0000	.48	0.6	—
40.771	24 | 25 July	Very slight	.96	Faintly vegetable	Distinctly vegetable	3.25	1.25	2.00	.0022	.0178	.0148	.0080	.46	.0010	.0000	.47	0.6	—
41.278	22 | 23 Aug.	slight	.20	Decidedly vegetable	Decidedly vegetable	8.10	1.30	1.80	.0004	.0163	.0152	.0014	.47	.0020	.0001	.62	0.5	—
41.584	26 | 27 Sept.	Very slight	.21	None	Faintly vegetable	3.30	1.40	1.80	.0008	.0168	.0150	.0018	.48	.0000	.0001	.45	0.8	—
42.581	28 | 29 Oct.	Very slight	.18	Faintly vegetable	Distinctly vegetable	3.10	1.60	1.50	.0004	.0165	.0162	.0006	.48	.0000	.0001	.41	0.5	—
42.940	28 | 29 Nov.	slight	.20	None	Faintly vegetable	3.30	1.80	1.50	.0060	.0158	.0150	.0008	.49	.0000	.0000	.81	0.	—
43.302	25 | 26 Dec.	Very slight	.22	None	None	8.50	1.50	2.00	.0016	.0166	.0134	.0032	.49	.0000	.0000	.38	0.6	—

These samples were collected from
faucet, City Hall.

Scale of colors:
0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

WATER ANALYSIS, STATE BOARD OF HEALTH.
PARTS IN 100.00.

DATE OF COLLECTION.	NUMBER	APPEARANCE.	ODOR.		RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS NITRITES.		OXYGEN CONSUMED.		IRON.		
			Color.	Hot.	In solution.		Albuminoid.		Chlorine.		Nitrites.		Hardness.		
					Total.	Froth.	Total.	In suspension.	Total.	Froth.	Total.	Oxygen consumed.	Total.	Iron.	
1901 Dec. 23 | 96	38.444	Turbidity. Sediment.	.25	Paintily unpleasant	3.20	1.25	.0006	.0176	.0162	.0014	.51	.0060	.0000	.35	.5
1902 Jan. 21 | 22	38.37	Very slight	.30	None	3.65	1.90	.0008	.0158	.0124	.0034	.53	.0000	.0000	.50	.6
1902 Feb. 25 | 26	39.153	Very slight	.32	Paintily vegetable	3.50	2.00	.0008	.0152	.0134	.0018	.45	.0010	.0000	.52	.8
1902 Mar. 27 | 28	39.463	Very slight	.27	Faintly vegetable	3.45	2.15	.0014	.0174	.0140	.0084	.48	.0020	.0000	.44	.5
1902 Apr. 26 | 30	39.359	Very slight	.33	Paintily vegetable	2.95	1.25	.0014	.0164	.0148	.0016	.42	.0000	.0000	.50	.6
1902 May 27 | 28	40.244	Very slight	.32	None	3.10	1.50	.0024	.0174	.0169	.0012	.43	.0010	.0000	.50	.8
1902 June 24 | 25	40.770	Very slight	.28	Faintly vegetable	3.15	1.10	.0030	.0196	.0170	.0026	.46	.0010	.0000	.46	.6
1902 July 22 | 23	41.294	Very slight	.26	Faintly vegetable	3.40	1.40	.0014	.0162	.0164	.0008	.49	.0000	.0000	.50	.8
1902 Aug. 26 | 27	41.914	Very slight	.20	Faintly unpleasant	3.05	1.30	.0016	.0180	.0164	.0036	.49	.0000	.0001	.45	.6
1902 Sept. 23 | 25	42.418	Very slight	.21	None	3.65	1.90	.0020	.0154	.0148	.0006	.49	.0000	.0000	.46	1.0
1902 Oct. 28 | 29	43.954	None	.16	Faintly vegetable	3.10	1.80	.0020	.0188	.0196	.0012	.50	.0010	.0000	.35	.8
1902 Nov. 25 | 26	43.306	Very slight	.19	None	3.80	1.70	.0020	.0170	.0166	.0014	.52	.0010	.0000	.32	1.0

These samples were collected from
Little Quittacas Pond.

0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

WATER ANALYSIS, STATE BOARD OF HEALTH.
PARTS IN 100,000.

DATE OF COLLECTION.	NUMBER.	APPEARANCE.		ODOR.		RESIDUE ON EVAPORATION.		AMMONIA.		NITROGEN AS NITRATES.		OXYGEN consumed by Iron.				
		Turbidity.	Sediment.	Cold.	Hot.	Loss on Ignition		Total.	Free.	In solution.	Albuminoid.	Chlorine.	Nitrites.	Nitrates.		
						Total.	Fixed.									
1902 Feb. 25	39 152	.54	Faintly vegetable			3.90	2.00	1.90	.0012	.0142	.0038	.47	.0000	.74	0.8	
1902 May 28	40 243	.57	Faintly unpleasant			3.40	1.80	1.70	.0022	.0158	.0026	.44	.0020	.60	.72	0.5
1902 Aug. 27	41 913	.32	Faintly fishy			2.86	1.30	1.30	.0018	.0162	.0024	.48	.0000	.0001	.64	0.5
1902 Nov. 25	43 308	.28	Faintly unpleasant			3.05	1.65	1.40	.0016	.0168	.0030	.50	.0000	.0000	.46	0.6
			None													

These samples were collected from
Great Quittaces Pond.

Scale of colors:
0—Colorless.
1—Yellowish brown tint
2—Deep yellowish brown tint.

WATER ANALYSIS, STATE BOARD OF HEALTH.
PARTS IN 100,000.

DATE OF COLLECTION.	NUMBER.	APPEARANCE.		ODOR.		RESIDUE ON EVAPORATION.		AMMONIA.		CHLORINE.		NITROGEN AS OXYGEN CONSUMED.		HARDNESS.		IRON.	
		TURBIDITY.	SEDIMENT.	COLD.	HOT.	TOTAL.	FIXED.	FREE.	IN SUSPENSION.	ALBUMINOID.	IN SOLUTION.	ZIRCONIUM.	ZIRCONIUM.	ZIRCONIUM.	ZIRCONIUM.	ZIRCONIUM.	ZIRCONIUM.
1902 Feb. 25	39.151	Very slight	Very slight	1.10	Turbid	Faintly unpleasant	4.80	3.00	1.80	.0010	.0188	.0082	.49	.0620	.0000	1.22	0.8
May 27	40.145	Very slight	Very slight	1.00	Faintly vegetable	Distinctly and fishy	4.00	2.15	1.85	.0022	.0174	.0070	.38	.0920	.0000	1.06	0.5
Aug. 26	41.912	Very slight	Very slight	.47	Faintly vegetable	Faintly vegetable	2.65	1.25	1.30	.0018	.0173	.0160	.46	.0600	.0001	.68	0.2
Nov. 25	43.307	Slight	Considerable	.35	None	Faintly vegetable	3.10	1.75	1.35	.0020	.0188	.0150	.51	.0900	.0000	.36	0.2

These samples were collected from Long Pond.

Scale of colors: 0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

WATER ANALYSIS, STATE BOARD OF HEALTH.
PARTS IN 100,000.

DATE OF COLLECTION.	NUMBER.	TURBIDITY.	APPEARANCE.	ODOR.		RESIDUE ON EVAPORATION.	AMMONIA.	CHLORINE.	NITROGEN AS NITRITES.	NITRATE.	OXYGEN CONSUMED.	HARDNESS.	IRON.	
				COLD.	HOT.									
1902 Feb.	39.135	26	Slight	brown		5.85	.0024	.0040	.0000	.50	.0040	.0000	1.30	1.0
25 May	40.235	28	Very slight	1.24	Decidedly vegetable	2.76	.0112	.0188	.0024					
27 Aug.	41.893	27	Very slight	.90	Faintly vegetable	3.10	.0024	.0030	.0000	.46	.0040	.0000	1.27	1.0
26 Nov.	43.893	26	Very slight	.54	Faintly vegetable	4.40	.0038	.0053	.0000	.55	.0000	.0000	.89	0.6
					Distinctly vegetable	2.20	.0038	.0053	.0000					
					Distinctly vegetable	2.25	.0028	.0040	.0000					
					Distinctly vegetable	2.50	.0038	.0194	.0000					
					Distinctly vegetable	1.85								
					Distinctly vegetable	2.50								

These samples were collected from
the Old Storing Reservoir.

Scale of colors:
0—Colorless.
1—Yellowish brown tint.
2—Deep yellowish brown tint.

The surface of Great Quittacas pond has varied from elevation 51.50 on March 24th to elevation 48.40 on Nov. 25th. At this date it stands at elevation 48.40.

The surface of Little Quittacas pond touched its lowest elevation, 46.10 on September 8th. At this date it stands at elevation 47.80. Little Quittacas pond is purposely kept at a lower level than Great Quittacas in order that space may be provided to receive the surplus waters of the latter named pond when at its highest levels during the spring months.

The shores of Little Quittacas pond have received attention in the matter of cleaning. Repairs have been made to the bank wall for 150 feet in front of the pumping station. A railing has been placed upon the sides of the walk upon the embankment leading from the shore in front of the station to the gate house in the pond. An electric light has been placed within the gate house, the wire supplying same passing through the tubing of the railing above mentioned. A row of pine and cedar trees has been placed along the northerly side of the road leading west from the pumping station and bordering upon the shore of the pond.

About three acres of land south of the pumping engineer's residence have been cleared.

Three hundred sleepers have been renewed under the rails of that portion of the railroad from the pumping station as far as the North Rochester road. Fully double that number will need renewal in the remaining portion of the railroad during the coming year. The planking at the railroad crossings of the Middleboro road, the North Rochester road and at the Beaver Dam have been renewed.

Attention has been given the embankments covering the 48 inch steel force main where needed. Internal inspection of this main pipe has not appeared necessary this year.

The High Hill reservoir is in excellent condition. A generous removal of the weeds upon the slopes early in the year has resulted in a generally improved appearance of the grass and the banks are better protected thereby.

The "Moncrieff" house, which was located upon the west side of the highway southwesterly from High Hill reservoir, was sold at auction on April 24th to James E. Tripp. It was shortly after removed by the purchaser. The amount realized from this sale by the city was \$73.38. The "Wilbur" house, which stands just south, was damaged early in the year by lightning, occasioning repairs, which have been made.

The embankments of the thirty-six inch main leading from High Hill reservoir to the city, have received such attention as was found needed.

There is little to say regarding the Little Quittacas pumping station. All parts will be found in excellent condition and equal to any demand likely to be made. The pumping machinery continues to work smoothly and to the entire satisfaction of those in charge. These engines have made a record in the matter of economical performance which has attracted a great deal of attention outside of our city. A readjustment of the steam inlet valves early in the year, has resulted in a substantial increase in efficiency. Let me call your attention to table A, where you will see that the average monthly duty is stated at 139 million pounds raised one foot high per 100 pounds of coal. Expressed in another form this is equivalent to a duty very close to $1\frac{1}{4}$ pounds of coal per horse power per hour. This is an extremely satisfactory record. The following statistics relate to the operations at this station during the year.

Total quantity pumped (gallons),	2,307,304,830
Total coal used (pounds),	2,807,058
Gallons pumped per pound of coal,	822
Daily average quantity pumped (gallons),	7,371,581
Average head pumped against (feet),	188.09

The cost of pumping has been as follows:

Fuel,	\$7,040.00
Labor,	6,372.70
Oil, packing, waste and lighting,	211.01
Repairs,	354.28
Small supplies,	55.87
Cost per million gallons pumped into reservoir,	6.52
Cost per million gallons raised one foot high,	3 $\frac{47}{100}$ cents

The cost of pumping figured on total maintenance, viz:— \$115,267.44
has been as follows:

Cost per million gallons pumped into reservoir,	49.96
Cost per million gallons raised one foot high,	28 $\frac{56}{100}$ cents

All parts of the system which formerly supplied this city from the Long Plain storing reservoir remain in the same condition as they were one year ago. No work has been required at the Long Plain storing reservoir. Some portions on the embankments containing the brick conduits which leads from the storing reservoir to the city should be regraded. As long as this conduit is liable for use as a public water supply, every means should be taken to preserve the stability of its construction and to prevent possible contamination of the water which it conveys. At present this supply is held intact to quickly meet any emergency which may be occasioned by an accident to the single pipe connecting High Hill reservoir with this city. It is therefore important that nothing be allowed that will tend to weaken this supply. Your attention has been repeatedly called to a tendency upon the part of some of the abutters to encroach upon the

right of way for various purposes. This is more frequent in the now thickly settled district from the receiving reservoir north some distance. Where the embankments have been worn down by the frequent use of same as passways, it should be regraded to its original depth; and where objectionable features appear within the limits of the right of way, it would seem as if the liability of objectionable drainage from same reaching the water within the conduit, would be sufficient to cause the removal to a safe distance.

At the Purchase street pumping station the property is closely watched and the machinery is kept in good order for a quick start.

The Purchase street receiving reservoir and the Mt. Pleasant distributing reservoir will be found in good condition.

The distributing mains have been increased 18,433 feet; and 2,507 feet of pipe previously laid has been removed. The total mileage is now 97.9027. Fish Island has heretofore been supplied through a two-inch lead pipe placed across the bottom of the river channel, which separates the island from the main land. This pipe has been removed and the supply is now made by a six-inch main which passes across the channel upon a platform suspended beneath the bridge structure. This pipe is well anchored at both ends and covered by a double box to prevent the action of frost.

I would recommend that the present line of eight-inch pipe in County street from Rivet to Cove street, and in Cove street from County to Water street be removed the coming year and replaced by a sixteen-inch pipe. This will extend the supply given by the twenty-inch main which now ends in County street at Rivet to the corner of Water and Cove streets, and there reinforce the three lines of twelve-inch pipe leading in different directions from that point.

There have been thirteen leaks upon the mains the past year as herewith shown:

DATE	SIZE	LOCATION	CAUSE	COST
1901				
Dec. 10	10 in.	Acushnet ave., south of Holly st.	Pipe broke	\$54.81
Dec. 28	4 in.	First st., north of Potomksa	Joint started	1.56
Dec. 31	8 in.	Fourth st., north of Grinnell st.	Joint started	3.81
1902				
Jan. 11	8 in.	Kempton st., east of Park st.	Joint started	2.66
Jan. 14	6 in.	Allen st., west of Bonney	Joint started	4.26
Jan. 24	8 in.	Acushnet ave., corner High st.	Joint started	2.85
Jan. 25	8 in.	Weld st., west of Bowditch	Joint started	5.85
Mar. 12	8 in.	Wamsutta st., west of Front st.	Joint started	7.15
April 28	16 in.	Borden st., south of Bedford	Joint started	6.21
June 5	6 in.	Cottage st., corner Allen st.	Pl'g blewout	14.68
July 17	10 in.	Weld st., west of Pleasant st.	Joint started	8.30
Oct. 10	12 in.	East French ave., south of Cove st.	Pipe broke	19.22
Oct. 18	16 in.	Pleasant st., north of Sycamore st.	Joint started	5.15

Two hundred sixty-seven feet of small sized distribution pipe (less than four inch) have been laid and nine hundred seventy-two feet of that previously laid have been removed. The total length now in use is 5,640 feet.

Fifty-three new stop gates have been set, and eight of those previously set have been removed. The total number now in use is 1,137.

Two small sized stop gates have been removed. The total number now in use is 78.

Twelve new private stop gates have been set. The total number now in use is 228.

Thirty-six new hydrants have been set, and seventeen of those previously set have been removed. The total number now in use is 769.

Two hundred thirteen service pipes have been laid, and forty-eight of those previously laid have been removed. The total number now in use is 9,612.

Twenty-eight service taps have been cleaned as follows: Rust, 15; mud, 5; eel, 1; trouble inside, 7.

The total number of motors is 128.

The total number of meters is 1,771. The list may be divided as follows:

Manufacturing supplies.	88
Domestic supplies,	1,679
Public supplies,	4

The following is a list of the different patterns used:

Crown,	245
Union Rotary,	142
Hersey,	108
Hersey disc,	429
Empire,	113
Nash,	261
Trident,	164
Gem,	10
Lambert,	294
Thomson,	3
Columbia,	2

A complete list of the drinking fountains connected with our distributing system is as follows:—

- | | | |
|----|---|----------------------|
| 1 | West French ave., at Cove street, | Horse bowl |
| 2 | Sixth street, at junction of County street, | Jenks |
| 3 | Allen street, at head of Bonney street, | Nash |
| 4 | Acushnet ave., at Cannon street, | Nash |
| 5 | Front street, foot of School street, | Horse bowl |
| 6 | Front street, foot of School, | Nash (drinking only) |
| 7 | Union street, corner Bethel street, | Nash |
| 8 | Market st., bet'n Pleasant and Sixth sts., | Jenks |
| 9 | Court street, west of Jenney street, | Horse bowl |
| 10 | Elm street, west of Purchase street, | Nash |
| 11 | Kempton street, at junction of Mill street, | Jenks |
| 12 | Hillman street, at corner of County street, | Nash (drinking only) |
| 13 | County street, at corner of Smith street, | Nash |
| 14 | Purchase street, at corner of Pearl street, | Nash |
| 15 | Shawmut ave., at corner of Durfee street, | Jenks |
| 16 | Acushnet ave., at junction of Weld street, | Jenks |

Taking out Nos. 2, 8, 11, 15 and 16, the remainder are of an antiquated pattern and are more or less worn out. I would recommend that Nos. 1, 3, 4, 5 and 6 be taken out the coming year and replaced by a modern pattern of fountain. In the case of the first three, a new location, near at hand, will probably be an improvement; and one fountain will be sufficient to replace Nos. 5 and 6.

The following tables present interesting statistics regarding the consumption of water:

**MONTHLY CONSUMPTION AND RECORD OF PRESSURE
AT THE CITY HALL.**

MONTH	1902 Monthly Consumption	Daily Average	Pounds Pressure 10 A. M.			Pounds Pressure Midnight		
			Gallons	Gallons	Max.	Min.	Av.	Max.
January	204,016,700	6,581,184	60	55	58	63	60	62
February	184,590,122	6,592,504	61	54	58	63	61	62
March	187,066,990	6,034,419	61	56	59	63	61	62
April	179,724,006	5,990,800	61	55	59	63	62	62
May	191,016,142	6,161,811	62	57	59	63	62	62
June	191,628,026	6,387,601	61	55	58	63	61	62
July	193,731,660	6,249,408	62	57	59	63	62	62
August	211,706,454	6,829,240	61	56	58	63	61	62
September	195,291,562	6,500,719	61	55	58	63	59	62
October	195,388,680	6,302,861	61	55	57	63	61	62
November	183,219,804	6,107,327	62	55	58	63	61	62
December	208,426,892	6,723,448	61	52	56	63	60	62
Averages	193,817,253	6,372,074	62	52	58	63	59	62

**COMPARISON OF THE CONSUMPTION OF THE YEAR 1902.
WITH THE RECORD OF THE 20 PREVIOUS YEARS.**

Year	Estimated population	Estimated number of consumers	Total number of gallons consumed	Average daily consumption	Number of taps	Gallons per day to each inhabitant	Gallons per day to each consumer	Gallons per day to each tap
1882	28,500	20,424	859,119,622	2,326,352	4,203	82	114	553
1883	30,000	22,249	849,059,700	2,326,191	4,465	78	105	521
1884	33,000	23,749	867,815,595	2,371,080	4,691	72	100	506
1885	33,700	25,375	1,049,801,050	2,876,167	4,965	85	113	579
1886	34,500	28,480	1,086,534,615	2,976,807	5,225	86	104	569
1887	36,000	30,080	1,112,302,789	3,047,404	5,495	85	101	555
1888	37,500	31,826	1,229,841,794	3,360,223	5,785	89	109	581
1889	40,000	34,000	1,310,488,214	3,590,379	6,104	90	106	588
1890	41,500	35,740	1,485,143,213	4,066,200	6,394	98	114	636
1891	45,000	38,500	1,513,161,482	4,145,648	6,742	92	108	615
1892	50,000	41,776	1,607,955,166	4,393,320	7,184	88	105	616
1893	55,000	44,158	1,824,275,536	4,998,015	7,531	99	113	664
1894	56,000	44,661	1,747,167,532	4,786,760	7,767	85	107	616
1895	56,300	46,154	1,719,830,979	4,711,866	8,027	84	102	587
1896	59,000	48,570	1,924,800,313	5,259,017	8,447	89	108	623
1897	60,000	50,000	2,071,702,478	5,675,897	8,860	95	113	641
1898	58,000	50,000	2,156,277,643	5,907,610	9,014	102	118	655
1899	58,000	50,000	2,261,115,500	6,194,837	9,151	107	124	677
1900	62,500	55,000	2,306,997,774	6,320,542	9,280	101	115	681
1901	65,000	57,000	2,150,199,262	5,890,957	9,447	91	103	624
1902	70,000	61,000	2,325,807,038	6,372,074	9,612	91	104	663

The maximum daily consumption was, on Tuesday, Dec. 9th, 8,498,042 gallons. The minimum was, on Friday, May 30th, 4,408,566 gallons. The consumption has exceeded 8,000,000 gallons on two days; and 7,000,000 gallons on fifty-nine days. The consumption for the entire year was 2,325,807,038 gallons. This is an increase of 481,117 gallons in the daily average of the year.

The inference to be drawn from the figures just presented is that the amount daily wasted is upon the increase. We do not lack supply at the present time; but it costs good money to pump water that is wasted, and does no one any good. In the natural order of events, the time will come when we shall either have to cry halt, or obtain extended supply. Why not postpone the last named event to an indefinite period by vigorous action in the stopping of leaks?

The lavish use of water for all needed purposes is always to be encouraged. It is far better to allow an amount to waste than that any one should be deprived of an amount necessary for any proper use. With this proposition in view, let me present two demonstrated facts.

1st—The application of a meter to a dwelling in which unstinted use is made for every conceivable purpose, but where due care is exercised regarding the condition of fixtures, that no waste may exist, rarely returns a record that will call for the payment of an amount equal to that which the same taker has hitherto paid by schedule rates. In most of cases it is substantially less.

2nd—The application of a meter to the supply of a careless taker, who gives little or no concern regarding the condition of the plumbing, generally results in the record of an amount many times that called for by schedule rates. This will continue as long as this taker is allowed his supply by schedule rates. But the minute he commences to pay by the meter record, he suddenly becomes interested as to the care of his fixtures. It

rarely takes him more than one month to stop all waste to a point where the meter registers less than the equivalent by schedule rates. I say stop all waste; because it is wasted. A lavish use for all needed purposes being made in both cases.

There have been over two hundred meters installed this year. By whom were these purchased? In every instance it has been by a representative of the care-taking class. Not one has been purchased by a representative of the second class instanced; and they are the ones who really are responsible for the waste. In justice to the care taker, who is in the majority, it seems like discrimination to allow one careless taker to waste more water each day than is needed for the supply of perhaps a hundred families.

Respectfully submitted,

R. C. P. COGGESHALL,
Superintendent.

RAINFALL AT QUITTACAS PUMPING STATION FOR 1902.

Day.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1					.06							
2		.65	.20							.45		
3	.16				.15	.72	.28					.33
4					.10							
5				.03			.02					
6			1.50		.04							
7						.02						
8	.24	.05					.10	.04				
9			.84	1.22					1.11			
10				.03		.07						.05
11				.02		.18	.22	.54				
12	.37											.25
13						.31						
14		.03	.05				.12					
15					.05		.24					
16												1.38
17			1.60			.47						
18	.06	1.16						.06				
19			.13		.23	.15						.02
20							.80	.28				
21							.03	.04				
22	.62	1.96	.13	.02		.88						
23							.27					
24												.16
25					.19			.03				.62
26		1.05		.53								.11
27	.73				.30							.65
28		.98										
29			1.66									
30	.04			2.00	.04	.36						
31							.04					
Totals	2.22	5.88	6.27	3.85	1.05	4.10	2.06	1.29	3.65	4.78	1.72	5.14

Total fall for the year, 42.01 inches.

RAINFALL AT ACUSHNET STORING RESERVOIR FOR 1902.

Day.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1										.43		
2												
3	.13	.65			.19	.17	.30		.61			.41
4												
5												
6			1.74							1.70		1.02
7												
8	.21											
9												
10												
11												
12	.37											
13												
14												
15												
16												
17			1.78									1.44
18		1.12										
19												
20												
21			.34									
22												
23	.87	1.55										
24												
25												
26												
27	.77	.95										
28												
29												
30			1.54		1.93							
31												
Totals	1.85	4.27	6.34	4.13	1.14	2.83	.50	.82	3.92	4.91	1.64	6.62

Total fall for the year, 38.97 inches.

WATER REPORT.

TABLE A.
STATEMENT OF WORK DONE BY LEAVITT ENGINE A FOR YEAR ENDING DECEMBER 1, 1902.

Diameter steam cylinders, 163.8 and 36 1-4 in.
Diameter pump plungers, 13 7.0 and 19 3.8 in.
Stroke of pistons and pump plungers, 90 in.

Average working steam pressure, 186 lbs.
Average static head, 167.78 lbs.

MONTHS.	Number of days of pumping.		Total pumping time per month.		Total number of strokes per month.		Average number of strokes per minute.		Total fuel used for all purposes.		Total number of gallons pumped per month, allowing made for slippage.		Number of gallons pumped per total cost of coal.		Number of gallons received for total cost of coal.		Average dynamic head per foot in suction.		Average duty in pounds per foot high per 100 pounds of total fuel used for all purposes, no deduction.	
	H.	M.																		
December, 1901																				
January, 1902	8	102	40	194.611	81.6	49,875	43,270.243	988	1,619	186.50	134,942.891									
February, "				861.458	81.9	216,000	139,026.226	879	1,644	187.08	137,181.812									
March, "	25	444	40	865.980	31.9	219,175	192,247.560	877	1,664	188.44	137,950.897									
April, "				452.05	882.907	82.0	284,550	907,088.154	883	1,671	189.19	139,307.199								
May,	26	485.25	87.0	576.371	32.0	224,095	164,554.363	909	1,649	189.78	137,455.188									
June,	28	485.25	87.0	576.440	82.0	288,875	200,565.880	840	1,686	188.77	132,184.925									
July,				818.682	81.8	916,000	181,788.804	841	1,587	188.64	132,404.540									
August,																				
September, "	25	456.15	87.0	576.371	32.0	224,095	164,554.363	909	1,649	189.78	137,455.188									
October, "	27	470.20	87.0	576.440	82.0	288,875	200,565.880	840	1,686	188.77	132,184.925									
November, "	25	429.15	87.0	576.371	32.0	224,095	164,554.363	909	1,649	189.78	137,455.188									
Total, and Avergs.	162	2840	40	5,443.624	81.9	1,887,500	1,208,484.528	865	1,651	188.59	138,010.986									

The duty is based on total fuel used for all purposes. This includes banking fires, starting, heating building, running shop engine during day and electric light engine at night. No deduction for ashes, moisture in coal or anything else.

TABLE A.

STATEMENT OF WORK DONE BY LEAVITT ENGINE B FOR YEAR ENDING DECEMBER 1, 1902.

Diameter steam cylinders, 16 3-8 and 36 1-4 in.
 Diameter pump plungers, 18 7-10 and 19 3-8 in.
 Stroke of pistons and pump plungers, 90 in.

Average working steam pressure, 186 lbs.
 Average static head, 168.74 lbs.

MONTHS.	Number of days or parts of days pumping.	Total pumping time per month.	Average number of strokes per minute.	Total coal used for all purposes.	Number of gallons pumped per pound of coal.	Number of gallons pumped for total coal.	Average dynamic head in inches.	Average static head in inches.	Averaged one foot high per 100 pounds of coal; no deduc- tions for all purposes; no de- ductions.
December, 1901	26	446.60	835,022	82.0	268,160	724	1,360	186.87	118,415.364
January, 1902	28	448.15	933,300	32.0	472,775	759	1,434	197.70	118,895.247
February,	24	432.55	850,651	32.0	184,404	532	757	187.77	118,485.101
March,	26	438.10	850,945	81.6	243,725	208	184,469	790	118,338.001
April,	26	438.20	817,923	81.9	241,208	385	184,469	790	131,320.000
May,	21	834.85	678,900	81.9	216,050	906	840	157.74	187.35
June,					160,715	800	673	186.20	132,561.968
July,									
August,									
September,									
October,									
November,									
Totals and Avergs.	151	2396.05	4,948,641	81.8	1,409,588	780	1,468	187.65	121,384.968

The duty is based on total fuel used for all purposes. This includes banking fires, starting, heating building, running shop engine during day and electric light engine at night. No deduction for ashes, moisture in coal or anything else.

TABLE B.
LOCATION AND SIZE OF CAST IRON MAIN PIPE LAID
IN 1902.

LOCATION.	12 in.	10 in.	8 in.	6 in.	4 in.
Abbott st , from 520 feet south of East French ave., south to Ruth st.				36	
Allen st., from Short to 184 feet east of Rural st.		750			
Ashley st., from Ruth st. north.				38	
Bay st., from 156 feet east of Cottage to Dartmouth.				187	
Belleville ave., from Deane st. to Phillips ave.	646				
Bridge, (siphon), from terminus in 1898 west to east end of pipe, Fish Island.				13	
Bridge st., from 207 feet east of Front st. to siphon east side Fish Island.					861
Briggs st., from Rivet st. north.				329	
Bullard st., from Bowditch st. west.				96	
Chancery st., from Sycamore to Smith st.				280	
Church st., from Hathaway st. north.			1608		
Clark st., from 221 feet west of County to Reynolds.				194	
Cleveland st. from 681 feet south of Cove to Ruth st.				40	
Clover st. from Allen st. south.				213	
Coffin st., from Water st. east.				14	
Collette st., from Front st. east.				141	
Cottage st., from 94 feet south of Austin to Willow.				137	
Davis st., from 821 feet east of Acushnet ave. to Belleville ave.				685	
Davis st., from 6 feet west of Bowditch st. west.				372	
Division st. from 183 feet west of Second st. west.				24	
Earle st., from Riverside ave. west.				22	
East French ave., from 813 feet south of Cove st. to Ruth st.					
Front st., from Whitman st. south.	64			82	
Front st., from Phillips ave. south.				113	
Front st., from 72 ft. south of Deane to Bullard st.				164	
Front st., from 16 ft. south of north line Rodman st. north.			10	38	
Harrison ave., from Ruth st. north.					
Hathaway st., from 145 ft. east of Acushnet ave. east.				602	

TABLE B. (*Continued*).

LOCATION.	12 in.	10 in.	8 in.	6 in.	4 in.
Hemlock st., from Thompson st. south.				131	
Holly st., from Acushnet ave. west.				160	
Jenney Lind st., from 5 feet south of Hillman st. north.				750	
Kenyon st., from 509 ft. west of Front st. to Acushnet ave.				285	
Leonard st., from Water st. east.				242	
Lucas st., from 211 ft. west of Brock ave. west.				60	
Manomet st., from Riverside ave. east.	215				
Maxfield st., from Park st. west.		126			
Maxfield st., from 83 ft. east of Rockdale ave. east.		332			
McGurk st., from Brock ave. to Ruth st.	85				
Middle st., from Water to Front st.		281			
Newton st., from 100 ft. north of Court st. north.				56	
North st., from Water st. main west.	9				
North st., from 159 ft. west of Florence to Hunter st.					180
Park st., from 289 ft. north of Hillman to Maxfield st.			47		
Phillips ave., from Belleville ave. to Riverside ave.	921				
Phillips ave., from Acushnet ave. west.				157	
Riverside ave., from Davis to Manomet st.	347				
Rockdale ave., from 167 ft. north of Milton st. north.			632		
Ruth st., from McGurk st. to East French ave.	1836				
Salisbury st., from 598 ft. south of Cove st. south.				110	
Scott st., from 325 ft. west of County st. west.				169	
Sisson st., from 146 ft. south of Union st. south.				320	
Studley st., from 95 ft. east of Ashland st. east.				52	
Union st., from Front st. east.				136	
Valentine st., from 188 ft. west of Brock ave. west.				791	
Viall st., from 576 ft. south of Cove st. to Ruth st.				199	

TABLE B. (*Continued*).

LOCATION.	12 in.	10 in.	8 in.	6 in.	4 in.
Water st., from 60 ft. south of Middle to North st.		871			
Willard st., from 364 ft. west of Brock ave. west.				659	
Willow st., from 12 ft. west of Cedar st. west.				213	
Woodlawn st., from 636 ft. west of Brock ave. west.				302	
Totals,	710	5084	3086	9473	180

CAST IRON PIPE REMOVED IN 1902.

LOCATION.	10 in.	6 in.	4 in.
Belleville ave., from Deane st. to Phillips ave.	646		
Coffin st., from Water st. east.			14
Front st., from 16 ft. south of north line Rodman north.		10	
McGurk st., from Brock ave. to Ruth st.		85	
Middle st., from Water to Front st.		280	
North st., from Water st. main west.		9	
Phillips ave., from Riverside ave. west.		204	
Rodman st., from Front st. east.			213
Taber's wharf, from 16 ft. east of east line Front st. east.			175
Water st., from 60 ft. south of Middle st. to North st.		871	
Totals,	646	1459	402

SUMMARY.

PIPE LAID AND REMOVED.

	36 inch.	30 inch.	24 inch.	20 inch.	16 inch.	12 inch.	10 inch.	8 inch.	6 inch.	4 inch.
Previous to 1902, Laid in 1902,	21,532	6,657	7,529	11,290	29,616	19,763 710	36,575 5,034	109,925 3,036	173,643 9,473	84,470 180
Total laid, Removed in 1902,	21,532	6,657	7,529	11,290	29,616	20,478	41,609 646	112,961	183,116 1,489	84,650 402
Total now in use,	21,532	6,657	7,529	11,290	29,616	20,478	40,963	112,961	181,657	84,248

Total length laid in 1902, 18,433 feet, or 3.491 miles.

Total length removed in 1902, 2,507 feet, or .4548 miles.

Total length of pipe in use Dec. 1, 1902, 516,926 feet, or 97.9027 miles.

TABLE C.

**LOCATION AND SIZE OF SMALL SIZED DISTRIBUTION
PIPE LAID IN 1902.**

Fish Island, from bridge south 186 ft. and east 81 ft.
267 ft., 3 in. cast iron.

REMOVED.

LOCATION.	3 in. cast iron	2 in. lead
Bridge st , from 83 feet east of west line Fish Island east, Fish Island, from siphon to Bridge st.,	321	
Siphon, from Bridge abutment to Fish Island,	406	245
Totals,	727	245
Laid previous to 1902,	6,345 ft.	
Removed in 1902,	972 ft.	
Laid in 1902,	5,373	
Total length in use Dec. 1st, 1902,	5,640 ft. or 1.0682 miles.	

TABLE D.
LOCATION AND SIZE OF STOP GATES SET IN 1902.

LOCATION.	12 in.	10 in.	8 in.	6 in.	4 in.
Abbott st., north side Ruth st.				1	
Acushnet ave., south side Seneca st.				1	
Allen st., east side Brigham st.		1			
Ashley st., north side Ruth st.				1	
Bay st., west side Dartmouth st.				1	
Belleville ave., north side Dean st.	1				
Belleville ave., south side Phillips ave.	1				
Belleville ave., north side Phillips ave.		1			
Bridge st., at hydrant east of Front st.				1	
Bridge, east side Fish Island				1	
Briggs st., north side Rivet st.				1	
Bullard st., west side Bowditch st.				1	
Chancery st., south side Smith st.				1	
Church st., south side Nash road			1		
Church st., north side Nash road			1		
Cleveland st., north side Ruth st.			1		
Clover st., south side Allen st.			1		
Collette st., east side Front st.			1		
Davis st., west side Belleville ave.			1		
Davis st., west side Bowditch st.			1		
Earle st., west side Riverside ave.			1		
Fish Island, south side bridge				1	
Front st., north side Rodman			2		
Front st., north side Nye st.				1	
Harrison ave., north side Ruth st.			1		
Hathaway st., east side Front st.			1		
Holly st., west side Acushnet ave.			1		
Kenyon st., east side Acushnet ave.			1		
Leonard st., east side Water st.				1	
Manomet st., east side Riverside ave.	1				
Maxfield st., west side Park st.		1			
McGurk st., north side Ruth st.			1		
Middle st., west side Front st.			1		
Middle st., east side Water st.			1		
North st., east side Hunter st.					1
Phillips ave., west side Riverside ave.		1			
Phillips ave., east side Belleville ave.	1				
Phillips ave., west side Acushnet ave.				1	
Riverside ave., south side Davis st.		1			
Riverside ave., north side Davis st.	1				
Rockdale ave., south side Grant st.				1	
Ruth st., east side McGurk st.	1				
Ruth st., east side Abbott st.	2				
Ruth st., west side East French ave.	1				
Salisbury st., north side Ruth st.				1	

TABLE D. *Continued.*

LOCATION.	12 in.	10 in.	8 in.	6 in.	4 in.
Sears ct., at hydrant southwest corner Purchase st.					1
Union st., east side Front st.				1	
Viall st., north side Ruth st.				1	
Water st., south side Middle st.	1				
Water st., north side Middle st.	1				
Water st., north side North st.				1	
Totals	2	13	8	27	3

STOP GATES REMOVED IN 1902.

Location.	10 in.	6 in.	4 in.
Belleville ave., north side Dean st.	1		
Belleville ave., north side Coffin ave.	1		
McGurk st., north side Brock ave.		1	
Middle st., east side Water st.		1	
Middle st., west side Front st.		1	
Phillips ave., west side Riverside ave.		1	
Rodman st., east side Front st.			1
Water st., south side Middle st.		1	
Totals	2	5	1
Number of stop gates set in 1902,	53		
Number removed,	8		
To be added,	45		
Number in use at date of last report,	1,092		
Number in use Dec. 1st, 1902	1,137		

TABLE E.
SMALL SIZED STOP GATES REMOVED IN 1902.

LOCATION.	3 in.	2 in.
Bridge, Fish Island, for club house, Fish Island at end of siphon,	1	1
Totals	1	1
Number in use at date of last report,	80	
Number removed in 1902,	2	
Number in use, Dec. 1, 1902	78	

TABLE F.
PRIVATE STOP GATES SET IN 1902.

LOCATION.	10 in.	8 in.	6 in.	4 in.	3 in.	2 in.
Acushnet ave., at N. Y., N. H. & H. R. R. cotton shed,				1		
Bridge, (Fish Island,) at D. Duff & Son,			1			
Brock ave., at Hazelwood Park,				1		
Coffin ave., at Whitman Mill, No. 2,						1
Court st., at Buttonwood Park,						
Cove st., at Dartmouth Manf'g. Corp.,	1					
Front st., at Rotch's Wharf,				1		
Front st., at J. C. Rhodes & Co.,				1		
Manomet st., at Whitman Mills,		1				
Parker st., at schoolhouse,						1
Ruth st., at Butler Mill,			1			
Union st., at Taber's Wharf,					1	
Totals	1	2	1	4	1	3
Number set in 1902,					12	
Number in use at date of last report,					216	
Number in use, Dec. 1, 1902,					228	

TABLE G.

LOCATION OF HYDRANTS SET IN 1902.

Allen street, southwest corner of Clover.
Arnold street southeast corner Atlantic.
Bridge street, south side, 200 feet east of Front.
Bridge street, south side on Fish Island.
Briggs street, west side, 303 feet north of Rivet.
Church street, southwest corner Nash road.
Church street, west side, 300 feet north of Belleville road.
Crapo street, west side, 224 feet south of Rockland.
Davis street, south side, 377 feet west of Bowditch.
Earle street, southwest corner Riverside ave.
Front street, southwest corner Whitman.
Hathaway street, southwest corner Front.
Hathaway street, south side, 200 feet east of Front.
Jenney Lind street, west side, 1167 feet north of Kempton.
Kenyon street, south side, 378 feet west of Front.
Leonard street, south side, 216 feet east of Water. Flush.
Lucas street, south side, 275 feet west of Brock ave.
Maxfield street, south side, 23 feet west of Beech.
Middle street southwest corner of Water.
Park street, southwest corner Maxfield.
Riverside ave., west side, opposite Manomet.
Rockdale ave., west side, 128 feet north of Lexington.
Rockdale ave., southwest corner Grant.
Salisbury street, northwest corner Ruth.
Scott street, south side, 494 feet west of County.
Sears court, southwest corner Purchase. Flush.
Sisson street, west side, 142 feet north of Arnold.
Valentine street, south side, 621 feet west of Brock ave.
Valentine street, west side, 142 feet east of West French ave.
Viall street, northwest corner Ruth.
Wall street, southeast corner Acushnet ave.
Water street, northwest corner High.
Willard street, south side, 101 feet east of West French ave.
Willard street, south side, 560 feet west of Brock ave.
Willow street, south side, 225 feet west of Cedar.
Woodlawn street, south side, 134 feet east of West French ave.

REMOVED.

Acushnet ave., west side head of Wall street. Post.	
Allen street, southeast corner Devoll. Post.	
Arnold street southeast corner Atlantic. Flush.	
Cottage street, west side, 92 feet south of Austin. Post.	
Crapo street, west side, 225 feet south of Rockland. Flush.	
Hathaway street, south side, 144 feet east of Acushnet ave. Post.	
Kenyon street, south side, 509 feet west of Front. Post.	
Lucas street, south side, 214 feet west of Brock ave. Post.	
Maxfield street, south side, 82 feet east of Rockdale ave. Post.	
Park street, west side, 27 feet south of Maxfield street. Post.	
Salisbury street, west side, 598 feet south of Cove street. Post.	
Scott street, west side, 825 feet west of County. Post.	
Valentine street, south side, 187 feet west of Brock ave. Post.	
Viall street, west side 576 feet south of Cove. Post.	
Water street, northwest corner Middle. Post.	
Water street, west side, 258 feet south of North. Flush.	
Willard street, south side, 864 feet west of Brock ave. Post.	
Number set during 1902,	36
Number removed during 1902,	17
Number to be added,	19
Number in use at date of last report,	750
Number in use, Dec. 1, 1902,	769

TABLE H.

STATEMENT OF WORK DONE BY THE SERVICE DEPARTMENT FOR THE YEAR ENDING DEC. 1, 1902.

KIND AND SIZE.	Number of Services.	Length on Taker.	Length on City.
Lead pipe, $\frac{1}{2}$ inch heavy,	33	591	754
Lead pipe, $\frac{3}{4}$ inch heavy,	86	1591.5	1943.5
Lead pipe $\frac{5}{8}$ inch light,	46	648	980
Lead pipe, $\frac{3}{8}$ inch heavy,	3	41.5	63
Lead pipe, $\frac{1}{4}$ inch light,	30	417.5	587.5
Lead pipe, 1 inch heavy,	2	118	63
Cast iron pipe, 2 inch,	4	682.5	
Cast iron pipe, 3 inch,	1	1082.5	
Cast iron pipe, 4 inch,	4	562	
Cast iron pipe, 6 inch,	1	75	
Cast iron pipe, 8 inch,	2	46	
Cast iron pipe, 10 inch,	1	19.5	
Totals,	213	5875.0	4391.0

One $\frac{1}{2}$ inch heavy lead service has been removed and replaced by $\frac{5}{8}$ inch heavy lead.

One $\frac{5}{8}$ inch light lead service has been removed and replaced by $\frac{3}{4}$ inch light lead.

One $1\frac{1}{4}$ inch wrought iron service has been removed and replaced by 1 inch heavy lead.

One $\frac{3}{4}$ inch tin lined service has been removed and replaced by $\frac{3}{4}$ inch light lead.

One $\frac{3}{4}$ inch heavy lead service has been removed and replaced by 1 inch heavy lead.

One $\frac{5}{8}$ inch iron service has been removed and replaced by $\frac{3}{4}$ inch light lead.

One $\frac{3}{4}$ inch light lead service has been removed and replaced by 1 inch light lead.

One $\frac{5}{8}$ inch iron service has been removed and replaced by $\frac{5}{8}$ inch heavy lead.

Nine connections to services previously laid have been made by owners.

One extension of service previously laid has been made by the city, using 127 feet of $\frac{5}{8}$ inch heavy and 11 feet of $\frac{1}{2}$ inch heavy lead pipe.

One 3 inch wrought iron, two 2 inch wrought iron, one $1\frac{1}{2}$ inch wrought iron, one 1 inch wrought iron, one $\frac{1}{2}$ inch tin lined, one 1 inch light, four $\frac{3}{4}$ inch heavy, twenty $\frac{5}{8}$ inch heavy, and seventeen $\frac{1}{2}$ inch heavy lead service have been removed.

Length of service pipe laid during the year, 10,266 feet or 1.9443 miles.

Total number of services in use, Dec. 1, 1902, 9,612.

TABLE I.
AIR TAPS IN USE DECEMBER 1, 1902.

LOCATION.	SIZE.
Ashland street, southeast corner Linden	$\frac{3}{4}$ inch
Bridge, in gate box west side Pope's Island	$\frac{3}{8}$ "
Cedar street, west side, north Maitland	1 "
Cedar Grove street, southeast corner State	$\frac{3}{4}$ "
County street, west side, north of Locust	$\frac{3}{4}$ "
County street, southwest corner Hillman	$\frac{3}{4}$ "
County street, west side, north of Kempton	$\frac{3}{4}$ "
County street, southwest corner Morgan	$\frac{3}{4}$ "
County street, west side, head of Spring	1 "
County street, west side, south of Bedford	1 "
Dean street, southwest corner Purchase	$\frac{3}{4}$ "
Durfee street, south side, west of Cottage	1 "
Elm street, south side, east of County	$\frac{3}{4}$ "
Grant street, south side, east of Mt. Pleasant st., 866 feet	1 "
Hillman street, south side, east of County	$\frac{3}{4}$ "
Kempton street, south side, east of County	$\frac{3}{4}$ "
Middle street, south side, east of County	$\frac{3}{4}$ "
Morgan street, south side, west of County st., 137 feet	$\frac{3}{8}$ "
Mt. Pleasant street, west side north of King's Highway	1 "
Mt. Pleasant street, west side, north of Nash road	1 "
Mt. Pleasant street, north side gate box No. 40, south of Peckham street	$\frac{3}{4}$ "
Mt. Pleasant street, south side gate box No. 40, south of Peckham street	$\frac{3}{4}$ "
Mt. Pleasant street, east side gate box No. 41	$\frac{3}{8}$ "
Mt. Pleasant street, south side gate box No. 42, south of Peckham street	$\frac{3}{4}$ "
Mt. Pleasant street, north side Durfee, in 30 inch gate box	$\frac{3}{4}$ "
Mt. Pleasant street, north side Durfee, in 24 inch gate box	$\frac{3}{4}$ "
North street, south side east of County	$\frac{3}{4}$ "
Peckham street, east side Mt. Pleasant, in 16 inch gate box, No 31	$\frac{3}{4}$ "
Plainville road, south side, east of Shawmut ave., 3,744 feet	1 "
Plainville road, south side, east of Shawmut ave., 5,734 feet	1 "
Pleasant street, west side, north of Maxfield	1 "
Pleasant street, west side, south of Hillman	1 "
Pleasant street, west side north of Kempton	1 "

Pleasant street, west side, south of Kempton	1	inch.
Purchase ave., in gate box west side Purchase street	1	"
Purchase street, north side Coggeshall st., in 24 inch gate box	$\frac{3}{4}$	"
Purchase street, southwest corner Cedar Grove street	$\frac{3}{4}$	"
Purchase street south side Merrimac, north side gate,	$\frac{3}{4}$	"
Purchase street south side Merrimac, south side gate,	$\frac{3}{4}$	"
Sixth street, west side, north of Spring	1	"
Sixth street, west side, south of Walnut	1	"
Sixth street, west side, south of Bedford	1	"
State street, west side, north of Austin	1	"
State street, west side, north of Franklin	1	"
Union street south side, east of County	1	"
William street, south side, east of County	$\frac{3}{4}$	"
Woodlawn street, south side, 877 feet west of Brock ave.	$\frac{3}{4}$	"
At High Hill reservoir, east side	1	"
At High Hill reservoir, south side	1	"
Total number in use	49	

TABLE J.
WATERING CART HYDRANTS.

Acushnet avenue, west side, 4.5 feet north from north line Belleville road.
Acushnet avenue, west side, 13.5 feet north from north line Howard avenue.
Acushnet avenue west side, 11.9 feet south from south line Tarklin Hill road.
Acushnet avenue west side, 3,741.2 feet north from north line Tarklin Hill road.
Allen street, north side, 154 feet east of Page.
Arnold street south side, opposite Arnold Place.
Bedford street, south side, 86 feet west of Fourth.
Blackmer street, northeast corner Water street.
Bonney street, southwest corner of Grinnell.
Butler street, south side, 13 feet east of Brock avenue.
Campbell street, south side, 87 feet west of Purchase.
Campbell street, south side, 19 feet west of Cottage.
Cedar Grove street, south side, 63 feet east of Acushnet avenue.
Coffin avenue, south side, 18.5 feet west of Acushnet avenue.
Commercial street, south side, 20.2 feet east of Water.
County street, west side, 32.2 feet north of Allen.
Court street, north side, 15 feet east of Ash.
Cove road, southwest corner West French avenue.
Dartmouth street, east side, 13 feet south of Oak.
Elm street, south side, 57.4 feet west of Purchase.
First street, west side, 118 feet south of School
First street, west side, 28 feet south of Grinnell.
Grinnell street, south side 31 feet east of County.
Hawthorn street, south side, 17 feet east of Cottage.
Hawthorn street, head of Tremont.
Hazard street, south side, 21 feet west of Purchase.
Kempton street, south side, 72 feet west of County.
Kempton street, south side, 102 feet east of Newton.
Kempton street southwest corner of Rockdale avenue.
Linden street, south side, 30 feet west of Purchase.
Locust street, south side, 25 feet west of County.
Madison street south side, 17 feet east of Fourth.
Madison street, south side 39 feet west of County.
Maxfield street, south side, 84 feet west of State.
Mill street, southwest corner of Purchase.
Mt. Pleasant street, west side, 39 feet south of Tarklin Hill road.

Mt. Pleasant street, west side 344 feet north of Nash road.
Mt. Vernon street, south side, 14 feet west of Mt. Pleasant.
Plainville road, south side, 1,146 feet east of Shawmut avenue.
Poplar road north side, 82 feet west of Bolton road.
Reynolds street, west side, 8 feet north of Linden.
Robeson street, south side, 38 feet west of Cedar.
Sawyer street, north side, 419.8 feet east of Mitchell.
Smith street, south side, 53 feet east of Park.
Spring street, north side, 45.2 feet east of Seventh.
Summer street, west side, 4 feet north of Hillman.
Sycamore street, south side, 77 feet west of County.
Thompson street, south side, 40.4 feet east of Crapo.
Union street, south side, 66 feet west of County.
William street, south side, 27 feet east of Second.
Willis street, south side, 7.5 feet east of Acushnet avenue.

Number now in use,

51

TABLE K.
LOCATION OF HYDRANTS.

Abbott street, northwest corner Ruth avenue.....	....
Acushnet av, west side, north of Tarkiln Hill road, 3743.2 feet.	
Acushnet av, west side, north of Tarkiln Hill road, 2986.7 feet.	
Acushnet av, west side, north of Tarkiln Hill road, 2392.7 feet.	
Acushnet av, west side, north of Tarkiln Hill road, 1783.3 feet.	
Acushnet av, west side, north of Tarkiln Hill road, 1195.3 feet.	
Acushnet av, west side, north of Tarkiln Hill road, 542 feet...	
Acushnet av, southwest corner Tarkiln Hill road.....	
Acushnet av, west side, south of Tarkiln Hill road 500 feet...	
Acushnet av, west side, south of Tarkiln Hill road, 997 feet...	
Acushnet av, west side, north of Howard avenue, 600 feet....	
Acushnet av, west side, north of Howard avenue 6 feet.....	
Acushnet av, west side, south of Howard avenue, 601 feet....	
Acushnet av, west side, north of Shaw, 610 feet.....	
Acushnet av, northwest corner of Shaw.....	
Acushnet av, west side, north of Belleville road, 603.5 feet....	
Acushnet av, west side, head of Belleville road.....	
Acushnet av, northwest corner of Nash road.....	
Acushnet av, northwest corner of Hathaway avenue.....	
Acushnet av, northwest corner of Davis.....	
Acushnet av, southwest corner of Phillips avenue.....	
Acushnet av, southwest corner of Dean	
Acushnet av, west side, north of Sawyer, 574.5 feet.....	
Acushnet av, southwest corner of Coggeshall.....	
Acushnet av, southwest corner of Cedar Grove.....	
Acushnet av, northwest corner of Logan.....	
Acushnet av, west side, south of Logan, 335 feet.....	
Acushnet av, west side, north of Wamisetta, 514 feet.....	
Acushnet av, west side, north of Wamsutta, 372 feet.....	
Acushnet av, west side, south of Wamsutta, 255 feet. Flush..	
Acushnet av, southeast corner of Pope. Flush.....	
Acushnet av, west side, south of Campbell, 179 feet. Flush..	
Acushnet av, northwest corner of Maxfield. Flush.....	
Acushnet av, northwest corner of Kempton. Flush.....	
Acushnet av, northeast corner of Elm. Flush.....	
Acushnet av, northwest corner of William.....	
Acushnet av, northwest corner of School.....	

Acushnet av, northwest corner of Madison.....	.....
Acushnet av, northwest corner of Russell.....	.....
Acushnet av, northwest corner of Bedford.....	.....
Acushnet av, west side, opposite Howland. Flush.....	.....
Acushnet av, northwest corner of Potomska.....	.....
Acushnet av, west side, north of Rivet, 98 feet.....	.....
Acushnet av, southwest corner of Blackmer. Flush.....	.....
Adams street, south side, west of County, 538.3 feet.....	.....
Allen street, south side, west of Rural, 445 feet.....	.....
Allen street, southwest corner of Clover.....	.....
Allen street, southwest corner of Page.....	.....
Allen street, north side, east of Page, 159 feet. Flush.....	.....
Allen street, northwest corner of Ward. Flush.....	.....
Arch street, southwest corner of Union. Flush.....	.....
Armour street, southwest corner of Union.....	.....
Arnold place, west side, south of Rotch court, 38.3 feet.....	.....
Arnold street, south side, west of Orchard, 96 feet.....	.....
Arnold street, southwest corner of Chancery. Flush.....	.....
Arnold street, southeast corner of Atlantic.....	.....
Arnold street, south side, west of James, 15.3 feet.....	.....
Ash street, northwest corner of Middle.....	.....
Ash street, southwest corner of Morgan.....	.....
Ash street, northwest corner of Arnold. Flush.....	.....
Ash street, northwest corner Maple. Flush.....	.....
Ash street, northwest corner of Bedford.....	.....
Ashland street, southwest corner of Clark.....	.....
Ashley street, west side, south of Cove (west), 222.2 feet.....	.....
Atlantic street, northwest corner of Maple.....	.....
Atlantic street, southwest corner of Union.....	.....
Austin street, southwest corner of Purchase.....	.....
Austin street, southeast corner of State.....	.....
Austin street, southwest corner of Ashland.....	.....
Austin street, southeast corner of Cedar.....	.....
Austin street, south side, on west line of Wilson.....	.....
Austin street, southeast corner of Shawmut avenue.....	.....
Austin street, south side, west of Shawmut avenue, 108 feet ..	.....
Babbitt street, south side, west of Dartmouth, 207.5 feet.....	.....
Babbitt street, southeast corner of Field.....	.....
Bedford street, southwest corner of Fourth.....	.....
Bedford street, southwest corner of Fifth.....	.....
Bedford street, southwest corner of County.....	.....
Bedford street, southwest corner of Orchard.....	.....
Beech street, northwest corner of Kempton.....	.....

Beetle street, southwest corner of Howard
Beetle street, southeast corner of Front
Belleville avenue, southwest corner of Washburn
Belleville avenue, west side, north of Washburn, 118 feet.....
Belleville avenue, northwest corner of Cedar Grove
Belleville avenue, west side, north of Coggeshall, 134 feet ...
Belleville avenue, northwest corner of Beetle
Belleville avenue, southwest corner of Plummer avenue
Belleville road, southwest corner of Diman
Belleville road, south side, east of Acushnet avenue, 1392 feet.
Blackmer street, south side, east of Front, 284 feet
Blackmer street, south side, east of Front, 575 feet.
Blackmer street, south side, east of Front, 788 feet
Blackmer street, south side, east of Front, 904 feet
Bolton road, west side, north of Rivet, 370 feet
Bolton road, west side, north of Rotch Mill No. 2
Bolton road, west side, south of Rotch Mill No. 2
Bolton road, west side, south of Rivet, 1027 feet.....
Bolton road, northwest corner of Poplar road
Bonney street, southwest corner of Allen
Bonney street, northwest corner of Grinnell
Bonney street, northwest corner of Rockland
Bonney street, southwest corner of Thompson
Borden street, northwest corner of Bedford
Borden street, southwest corner of Bay
Bowditch street, southwest corner of Weld
Bowditch street, west side, south of Cedar Grove, 313 feet ..
Bowditch street, west side, north of Cedar Grove, 244 feet ..
Bowditch street, northwest corner of Coggeshall
Bowditch street, southwest corner of Dean
Bowditch street, southwest corner of Coffin avenue.....
Bowditch street, west side, north of Coffin avenue, 358 feet...
Bowditch street, southwest corner of Davis
Bowditch street, southwest corner Hathaway avenue.....
Bridge street, north side, east from west line of Popes Island Manufacturing Co. building, 483.4 feet. Flush
Bridge street, north side, east from west line of Popes Island Manufacturing Co. building, 215.7 feet. Flush
Bridge street, south side, west from west line of Popes Island Manufacturing Co. building, 24.6 feet. Flush
Bridge street, south side, on Fish Island
Bridge street, south side, east of Front street, 200 feet.....
Bridge street, west side, north of Rivet street, 308 feet

Brock avenue, southwest corner of David
Brock avenue, southwest corner of Woodlawn avenue
Brock avenue, southwest corner of Willard.....
Brock avenue, southwest corner, first street south Norman ..
Brock avenue, west side, south of Butler, 1063 feet
Brock avenue, west side, south of Butler, 2538.1 feet
Brock avenue, northwest corner Marine avenue
Brownell street, west side, south of Union, 887 feet.....
Bullard street, southwest corner of Belleville avenue.....
Bullard street, southeast corner of Front.....
Bullard street, southeast corner of Bowditch.....
Bullock street, southwest corner of Trinity.....
Butler street, south side, east from Brock av., 1635 feet. Flush.
Butler street, south side, east of Brock avenue, 287 feet. Flush.
Campbell street, southwest corner of Purchase.
Campbell street, south side, east of County, 163 feet. Flush..
Campbell street, south side, west of County, 216.5 feet.....
Campbell street, southwest corner of Cottage
Campbell street, south side, east of Shawmut av. 205 ft. Flush.
Cannon street, south side, east of Second, 164 feet.....
Cedar street, northwest corner of Elm.....
Cedar street, southwest corner of Kempton. Flush.....
Cedar street, west side, north of Mill, 75 feet. Flush ..
Cedar street, southwest corner of Hillman. Flush.....
Cedar street, northwest corner of Sycamore. Flush
Cedar street, southwest corner of Campbell. Flush.....
Cedar street, southwest corner of Parker. Flush.....
Cedar Grove street, southeast corner of Front.....
Cedar Grove street, southeast corner of Howard.....
Cedar Grove street, south side, west of Bowditch, 383 feet ..
Cedar Grove street, northwest corner of Purchase.....
Cedar Grove street, southwest corner of County.....
Centre street, south side, east of Water, 85 feet. Flush.....
Chancery street, southwest corner of Maple.....
Chancery street, west side, north of Arnold, 406 feet.....
Chancery street, southwest corner of Elm.....
Chancery street, west side, south of Parker, 176 feet.....
Chancery street, west side, north of Parker, 650 feet.....
Chepachet street, northwest corner of Court ..
Chepachet street, west side, south of Kempton, 531 feet.....
Cherry street, southeast corner of Seventh. Flush.....
Chestnut street, southwest corner of North. Flush.....
Chestnut street, west side, north of Campbell, 96 feet.....

Chestnut street, southwest corner of Merrimac.....
Church street, west side, north of Belleville road, 300 feet....
Church street, southwest corner of Nash road
Church street, southwest corner of Hathaway avenue.....
Church street, west side, north of Coffin avenue, 591.4 feet...
Clark street, southwest corner of State.....
Clark street, south side, west of County 218 feet.....
Clay street, northwest corner of Columbia.....
Cleveland avenue, west side, south of Cove, 681 feet.....
Clinton street, south side, west of County, 224.6 feet.....
Clinton street, south side, west of Ash, 242.5 feet.
Coffin avenue, southwest corner of Church.....
Coffin avenue. south side, opposite Oneko Lane..... ..
Coffin avenue, southeast corner of Front
Coffin avenue, southwest corner Belleville avenue.....
Coffin avenue, northwest corner of Riverside avenue.....
Coffin avenue, south side, east of Riverside avenue, 227 feet..
Coffin avenue, north side, east of Riverside avenue, 414 feet...
Coffin street, southwest corner of Water.....
Coffin street, north side, east of Water, 262 feet.....
Coggeshall street, south side, east of Mitchell, 654 feet.....
Coggeshall street, south side, east of Mitchell, 498 feet.....
Coggeshall street, south side, east of Mitchell, 834 feet.....
Coggeshall street, north side, east of Mitchell, 148 feet.....
Coggeshall street southeast corner of Belleville avenue.....
Coggeshall street, southwest corner of Front.....
Coggeshall street, southwest corner of Purchase.....
Coggeshall street, southeast corner of County.....
Coggeshall street, south side, west of County 384 feet.....
Collette street, south side, east of Acushnet avenue, 275 feet...
Collins street, southeast corner of Glover.....
Columbia street, southwest corner of Allen.....
Commercial street, north side, east of Front, 82 feet.....
Cottage road, south side, west of Bolton road, 435 feet.....
Cottage street, southwest corner of Bay
Cottage street, northwest corner of Allen.....
Cottage street, northwest corner of Bedford. Flush.
Cottage street, southwest corner of Arnold.....
Cottage street, southwest corner of Union
Cottage street, southwest corner of Court.....
Cottage street, southwest corner of Kempton
Cottage street, southwest corner of Mill
Cottage street, southwest corner of North

Cottage street, southwest corner of Hillman
Cottage street, northwest corner of Sycamore.....
Cottage street, northwest corner of Parker.....
Cottage street, west side, north of Locust, 237 feet
Cottage street, southwest corner of Durfee.....
County street, southwest corner of Tallman.....
County street, southwest corner of Sawyer
County street, southeast corner of Penniman
County street, west side, south of Clark, 234.5 feet
County street, west side, south of Weld, 115 feet
County street, southwest corner of Austin
County street, west side, head of School
County street, southwest corner of Madison
County street, southwest corner of Hawthorn.....
County street, northwest corner of Allen
County street, southwest corner of Grinnell
County street, northwest corner of South
County street, northwest corner of Winsor.
County street, west side, north of Division, 71 feet.....
County street, northwest corner of Cove road
Court street, southwest corner of Orchard
Court street, southeast corner of Cedar
Court street, northeast corner of Ash.....
Court street, southwest corner of Emerson.....
Court street, south side, west from Park, 304 feet. Flush ..
Court street, south side, head of Jenney
Court street, south side, east of Reed, 300 feet
Cove road, southwest corner of West French avenue.....
Cove road, southwest corner of Shore street.....
Cove road, north side, west of County, 365 feet.....
Cove street, southwest corner of Cleveland avenue
Cove street, southwest corner of Harrison avenue
Cove street, southwest corner of Salisbury
Cove street, southwest corner of Viall
Cove street, southwest corner of McGurk
Cove street, southwest corner of West French avenue
Cove street, southeast corner of Stapleton
Cove street, southeast corner of County
Crapo street, west side, south of Washington, 343 feet. Flush
Crapo street, west side, south of Rockland, 225 feet
Crapo street, west side, south of Thompson, 160 feet.....
Dartmouth street, east side, southwest of Orchard, 110 feet
Dartmouth street, east side, south of Hickory, 125 feet

Dartmouth street, east side, south of Rockland, 260 feet.....
Dartmouth street, east side, south of Thompson, 99 feet
Dartmouth street, southeast corner of Larch
Dartmouth street, northeast corner of Dunbar
David street, south side, west of Brock avenue, 289 feet
Davis street, southwest corner of Riverside avenue
Davis street, south side, east of Front, 321.8 feet
Davis street, southwest corner of Front.....
Davis street, south side, west of Bowditch street, 377 feet
Davis street, south side, east of Church, 362 feet
Dean street, southwest corner of Belleville avenue
Dean street, southeast corner of Front.....
Delano street, southwest corner of Water.....
Delano street, southeast corner of Acushnet avenue
Diman street, southwest corner of Whitman.....
Diman street, west side, south of Whitman 149 feet.
Division street, southeast corner of Second.....
Division street, south side, west of County, 527 feet
Division street, south side, east of Crapo, 6 feet.....
Dudley street, south side, east of West French av., 122 feet....
Dudley street, south side, west of Brock avenue, 607 feet.....
Dunbar street, southwest corner of Hemlock.....
Durfee street, southwest corner of Cedar.....
Durfee street, southwest corner of Bullock.....
Durfee street, southwest corner of Shawmut avenue
Durfee street, south side, west of Shawmut avenue, 186.6 feet
Earle street, southwest corner of Riverside avenue.....
Earle street, south side, west of Belleville avenue, 135 feet....
Earl street, south side, east of Acushnet avenue, 274.2 feet ..
East French avenue, west side, south of Cove, 807.2 feet.....
East French avenue, northwest corner of Abbott
Edward street, south side, east of Field, 90 feet.....
Edward street, south side, west of Dartmouth street, 157 feet.
Elm street, southwest corner of Purchase.....
Elm street, southwest corner of Pleasant.....
Elm street, southwest corner of Eighth.....
Elm street, southwest corner of Summer. Flush.....
Elm street, southwest corner of Florence
Elm street, southeast corner of Palmer.....
Emerson street, west side, north of Arnold, 173.8 feet.....
Field street, northwest corner of Stowell.....
Fifth street, southwest corner of Union.....
Fifth street, southwest corner of School.....

Fifth street, west side, south of Madison, 245 feet.	Flush	...
Fifth street, northwest corner of Wing.	.....	.....
Fifth street, northwest corner of Grinnell.	.....	.....
First street, southwest corner of Spring.	Flush	.....
First street, west side, south of School, 109 feet.	Flush	.....
First street, west side, south of Howland, 185 feet.	Flush	.....
First street, northwest corner of Potomska.	.....	.....
Florence street, southwest corner of Hillman.	.....	.....
Florence street, northwest corner of Mill.	.....	.....
Florence street, West side, south of Kempton, 199.6 feet.	.....	.....
Florence street, southwest corner of Morgan.	.....	.....
Forest street, south side, west of County, 90 feet.	Flush	.....
Foster street, southwest corner of High.	.....	.....
Fourth street, southwest corner of Union.	Flush	.....
Fourth street, west side, north of School, 106 feet.	Flush	.....
Fourth street, west side, south of Madison, 210 feet.	.....	.....
Fourth street, east side, opposite Washington.	.....	.....
Fourth street, northwest corner of Rockland.	Flush	.....
Fourth street, west side, south of Potomska, 61 feet	.....	.....
Franklin street, southwest corner of Purchase.	.....	.....
Franklin street southwest corner of Pleasant.	Flush	.....
Franklin street, southwest corner of State.	.....	.....
Front street, southwest corner of Whitman.	.....	.....
Front street, southwest corner of Holly.	.....	.....
Front street, west side, south of Washburn, 319 feet.	Flush	..
Front street, southwest corner of Logan.	.....	.....
Front street, west side, south of Logan, 190.2 feet.	.....	.....
Front street, west side, south of Logan, 383 feet.	.....	.....
Front street, west side, north of Wamsutta, 285.2 feet.	.....	.....
Front street, southeast corner of Wamsutta.	.....	.....
Front street, east side, foot of Middle.	Flush	.....
Front street, southwest corner of Middle.	.....	.....
Front street, southwest corner of Hazard's lane.	Flush	.....
Front street, northwest corner of Rodman.	.....	.....
Front street, southwest corner of Centre.	Flush	.....
Front street, west side, south of Commercial, 86 feet.	Flush	.....
Front street, northwest corner of lane head of Merrill's wharf.	.....	.....
Flush	.....	.....
Front street, west side, south of Howland, 268 feet.	.....	.....
Front street, southwest corner of Grinnell.	.....	.....
Front street, west side, south of South, 330 feet.	.....	.....
Front street, southwest corner Rivet street	.....	.....
Front street, west side, north of Delano, 191 feet.	.....	.....

Front street, west side, south of Delano, 200 feet.....
Fruit street, south side, east of Hemlock, 126.5 feet
Fruit street, south side, west of Mulberry, 25.5 feet
Gifford street, south side, east of Water, 274 feet
Gifford street, south side, west of Harbor, 167.8 feet.....
Gifford street, southeast corner of Harbor.....
Gifford street, south side, east of Harbor, 299.3 feet
Grand street, south side, west of Shawmut avenue, 750 feet....
Granfield street, west side, north of Coggeshall, 263 feet.....
Grape street, south side, west of Lewis, 131 feet.....
Grape street, southwest corner of Small
Grape street, southwest corner of Devoll
Griffin street, southwest corner of Second. Flush.....
Grinnell street, south side, west of Acushnet avenue, 76 feet.
Flush
Grinnell street, south side, east of Crapo, 103 feet. Flush ...
Grinnell street, southwest corner of Orchard.....
Grove street, southwest corner of Anthony
Grove street, southwest corner of Cottage
Harbor street, east side, north of Cove, 195 feet
Harbor street, east side, north of Cove, 372 feet.....
Harbor street, east side, north of Cove, 540 feet.....
Harbor street, east side, south of Gifford, 195.8 feet
Harmony street, southwest corner of Social.....
Harrison street, southwest corner of Hickory
Hathaway street, south side, east of Front street, 260 feet
Hathaway street, southwest corner of Front
Hathaway street, south side, east of Church street, 331 feet...
Hawthorn street, southwest corner of Cottage
Hawthorn street, southeast corner of Page. Flush.....
Hawthorn street, south side, east of Tremont, 147 feet
Hawthorn street, southwest corner of Brigham
Hawthorn street, south side, west of Brigham, 301 feet.....
Hazard street, south side, west of State, 140 feet. Flush....
Hazard street, southwest corner of Pleasant. Flush.....
Hazard street, southwest corner of Purchase.....
Hemlock street, west side, south of Rockland, 231 feet.....
Hicks street, south side, east of Acushnet avenue, 276 feet....
High street, south side, east of Acushnet ave., 43 feet. Flush
High street, southwest corner of Purchase
High street, south side, east of County, 177 feet. Flush
Highland street, west side, north of Durfee, 418.4 feet.....
Hillman street, southwest corner of Second. Flush.....

Hillman street, southwest corner of Purchase.....	.....
Hillman street, southwest corner of Pleasant .....	.....
Hillman street, head of State.....	.....
Hillman street, head of Thomas .....	.....
Hillman street, southwest corner of Chancery.....	.....
Hillman street, south side, east of Florence, 609.5 feet.....	.....
Hillman street, southwest corner of Lindsey .....	.....
Hillman street, southeast corner of Rockdale avenue.....	.....
Holly street, southwest corner of Belleville avenue.....	.....
Holly street, southwest corner of Bowditch .....	.....
Holly street, southeast corner of Brook.....	.....
Hollyhock street, south side, east of Field, 410 feet.....	.....
Homer street, southwest corner of Locust .....	.....
Howard avenue, south side, east of Acushnet avenue, 364 feet.	.....
Howland street, northeast corner of Second. Flush.....	.....
Howland street, south side, west of Prospect, 19.2 feet .....	.....
Hunter street, southwest corner of Hillman .....	.....
Independent street, south side, west of County, 480 feet.....	.....
Independent street, southeast corner of Crapo.....	.....
Irving court, north end of Court. Flush.....	.....
James street, west side, north of Arnold, 107 feet. ....	.....
James street, southwest corner of Court.....	.....
Jenney Lind street, southwest corner of Hillman.....	.....
Jenney Lind street, west side, north of Kempton street, 1167 ft.	.....
Jouvette street, south side, west of County 372 feet.....	.....
Katherine street, southeast corner of Crapo.....	.....
Katherine street, south side, west of County, 442 feet.....	.....
Keene street, south side, west of Park, 434 feet.....	.....
Kempton street, southwest corner of Purchase.....	.....
Kempton street, southwest corner of Pleasant .....	.....
Kempton street, south side, opposite Hill.....	.....
Kempton street, southwest corner of County..	.....
Kempton street, southwest corner of Summer .....	.....
Kempton street, southwest corner of Emerson. Flush.....	.....
Kempton street, southwest corner of Park.....	.....
Kempton street southwest corner of Liberty.....	.....
Kempton street, southeast corner of Jenney. Flush.....	.....
Kempton street, south side, west of Hunter, 50 feet.....	.....
Kempton street, southwest corner of Rockdale avenue..	....
Kempton street, southeast corner of Chepachet.....	.....
Kempton street, south side, opposite Jenney Lind street.....	.....
Kenyon street, south side, west of Front street, 378 feet.....	.....
Kilburn street, north side, east of Front, 244 feet.....	.....

Kilburn street north side, east of Front, 581 feet.....
Larch street, south side, east of Mullberry, 120 feet.....
Larch street, south side, east of Hemlock, 129 feet.....
Leonard street, south side, east of Water, 216 feet Flush.....
Liberty street, west side, south of Kempton, 339 feet. Flush.
Liberty street, west side, north of Court, 164 feet.....
Lincoln street, west side, south of Union, 171 feet. Flush....
Linden street, southwest corner of Purchase.....
Linden street, south side, west of State, 13.5 feet.....
Linden street, south side, west of County, 169 feet.....
Linden street, south side, west of Reynolds, 67.5 feet.....
Linden street, south side, east of Ashland, 6.5 feet.....
Lindsey street, west side, south of Kempton, 173 feet.
Lindsey street, northwest corner of Morgan.....
Locust street, southwest corner of County.....
Locust street, southwest corner of Chestnut.....
Locust street, southwest corner of Richmond
Logan street, south side, east of Acushnet av., 400 feet. Flush.
Logan street, south side, opposite Bowditch.....
Logan street, southeast corner of Purchase.....
Lombard street, west side, north of Thompson. 107 feet.....
Lucas street, south side, west of Brock avenue. 275 feet.....
Madison street, southwest corner of First. Flush.....
Madison street, southwest corner of Water.....
Madison street, southwest corner of Sixth.....
Maitland street, southwest corner of Cedar.....
Maple street, southwest corner of Cottage.....
Maxfield street, southwest corner of Second.....
Maxfield street, southwest corner of Purchase.....
Maxfield street, southwest corner of Pleasant.....
Maxfield street, southwest corner of Foster.....
Maxfield street, southwest corner of County.....
Maxfield street, southwest corner of Chestnut.....
Maxfield street, southeast corner of Spruce. Flush:
Maxfield street, southeast corner of Ash.....
Maxfield street, south side, east of Chancery, 44.4 feet.....
Maxfield street, south side, west of Beech street. 23 feet....
McGurk street, west side, north of Brock avenue, 348 feet....
Mechanics lane, northwest corner of Purchase.....
Mechanics lane, north side, east of Eighth, 206 feet. Flush..
Merrimac street, southwest corner of Purchase.....
Merrimac street, southwest corner of State
Merrimac street, southwest corner of Summer

Middle street, southwest corner of Water.....	.....
Middle street, southwest corner of Second.....	.....
Middle street, southwest corner of Acushnet avenue.....	.....
Middle street, southwest corner of Purchase .....	.....
Middle street, southwest corner of Pleasant.....	.....
Middle street, southwest corner of Sixth.....	.....
Middle street, southwest corner of County.....	.....
Middle street, south side, east of Cedar, 371 feet. Flush .....	.....
Middle street, southeast corner of Chancery. Flush .....	.....
Middle street, southwest corner of Purchase .....	.....
Mill street, south side, west of Hill, 191 feet .....	.....
Mill street, south side, west of Ash, 45 feet. Flush .....	.....
Mill street, south side, east of Park, 104 feet .....	.....
Mill street, southeast corner of Newton.....	.....
Mill street, southeast corner of Summit .....	.....
Milton street, south side, west of Rockdale avenue, 85 feet ..	.....
Mitchell street, northwest corner of Coggeshall.....	.....
Mitchell street, west side, north of Coggeshall, 178.8 feet.....	.....
Mitchell street, west side, south of Sawyer, 345 feet.....	.....
Mitchell street, southwest corner of Sawyer.....	.....
Moorland Terrace, southwest corner of Ash.....	.....
Morgan street, southwest corner of County.....	.....
Morgan street, southwest corner of Cottage. Flush.....	.....
Morton's court, west side, north of Cove, 385.3 feet .....	.....
Mosher street, south side, west of County, 517 feet.....	.....
Mosher street, southeast corner of Crapo .....	.....
Mt. Pleasant street, west side, south of Tarkiln hill rd., 35 feet	.....
Mt. Pleasant street, west side, north of Nash road, 1,671 feet..	.....
Mt. Pleasant street, west side, north of Nash road, 348 feet ...	.....
Mt. Pleasant street, west side, north of railroad fence, 285 feet	.....
Mt. Pleasant street, west side, south of Hathaway road, 40 feet	.....
Mt. Pleasant street, west side, north of Peckham-West cemetery, 277 feet .....	.....
Mt. Pleasant street, west side, south of Peckham-West cemetery, 74 feet .....	.....
Mt. Pleasant street, west side, north of reservoir, 837 feet..	.....
Mt. Pleasant street, west side, north of reservoir, 450 feet ...	.....
Mt. Pleasant street, west side, north of reservoir, 40 feet.....	.....
Mt. Pleasant street, west side, south of Peckham, 217 feet....	.....
Mt. Vernon street, southwest corner of Mt. Pleasant .....	.....
Mt. Vernon street, southeast corner of Vine. Flush .....	.....
Mt. Vernon street, south side, east of Shawmut ave., 241 feet .	.....
Myrtle street, west side, south of Weld, 22 feet .....	.....

Myrtle street, southwest corner of Clark.....	
Myrtle street, west side, north of Clark street, 274 feet	
Nelson street, south side, west of County, 541.6 feet.....	
Newton street, northwest corner of Elm.....	
North street, southeast corner of Second.....	
North street, southwest corner of Acushnet avenue.....	
North street, southwest corner of Purchase	
North street, northwest corner of Pleasant.....	
North street, southwest corner of Foster.....	
North street, southwest corner of Hill	
North street, southwest corner of County.....	
North street, southwest corner of Emerson.....	
North street, southwest corner of Park	
North street, south side, west of Newton, 258 feet.....	
North street, southwest corner of Hunter.....	
North street, southwest corner of Beech	
Nye street, southwest corner of Belleville avenue	
Nye street, southwest corner of Front	
Nye street, south side, west of Acushnet avenue, 311.7 feet ..	
Oak street, southwest corner of Harrison.....	
Oak street, northwest corner of Grape.....	
Oak street, southwest corner of Allen	
Ocean street, west side, south of Arnold, 184.5 feet.....	
Orchard street, southwest corner of Madison.....	
Orchard street, southwest corner of Grove.....	
Orchard street, west side, north of Rockland, 98 feet.....	
Palmer street, northwest corner of Union.....	
Palmer street, west side, south of Elm street, 195 feet.....	
Park place, south side, west of Sixth, 306 feet. Flush	
Park street, southwest corner of Maxfield	
Park street, southwest corner of Hillman.....	
Park street, west side, south of Kempton, 339 feet.....	
Park street, northwest corner of Court.....	
Park street, west side, north of Arnold, 263 feet.....	
Parker street, south side, at Oak Grove Cemetery.....	
Parker street, southwest corner of Summer. Flush.....	
Parker street, southwest corner of County.....	
Pearl street, southwest corner of Pleasant.....	
Pearl street, southwest corner of Purchase	
Perry street, south side, east of Acushnet av., 270 feet.....	
Phillips avenue, south side, east of Oneko lane.....	
Phillips avenue, south side, east of Acushnet av., 173 feet ...	
Phillips avenue, southwest corner of Riverside avenue.....	

Pierce street, west side, north of Court, 253.7 feet.....
Pine street, northwest corner of Cross. Flush.....
Plainville road, south side, east of Shawmut avenue, 705 feet.
Plainville road south side, east of Shawmut avenue, 1,139 feet.
Plainville road, south side, east of Shawmut avenue, 2,317 feet.
Plainville road, south side, east of Shawmut avenue, 3,118 feet.
Plainville road, south side, east of Shawmut avenue, 3,920 feet.
Pleasant street, northwest corner of Market.....
Pleasant street, west side, north of William, 21½ feet.....
Pleasant street, east side, foot of Sycamore.....
Pleasant street, northwest corner of Pope. Flush.....
Pleasant street, northwest corner of Austin. Flush.....
Pleasant street, southwest corner of Linden. Flush.....
Pleasant street, southwest corner of Weld.....
Plummer avenue, southwest corner of Riverside avenue.....
Plummer avenue, south side, east of Belleville avenue, 177 feet.
Pope street, south west corner of Purchase.....
Pope street, south side, opposite North Oak.....
Pope street, southwest corner of Summer.....
Poplar road, south side, west of Bolton road 431 feet.....
Potomska street, a group of three post hydrants located about 300 feet east of Prospect and 91 feet north of south line of Potomska street.....
Potter street, south side, east of Shawmut avenue 403 feet
Prospect street, west side, north of Grinnell, 275.2 feet.....
Prospect street, northwest corner of Grinnell.....
Prospect street, west side, north of Potomska, 324.5 feet
Prospect street, northwest corner of Potomska.
Purchase street, northwest corner of Dean.
Purchase street, west side, opposite Oneko mill.....
Purchase street, east side opposite Clark.
Purchase street, west side, south of Campbell, 348 feet.....
Purchase street, northwest corner of Union. Flush.....
Purchase avenue, northeast corner of Purchase.....
Reed street, west side, north of Court, 145 feet.....
Reed street, southwest corner of Elm.....
Reed street, southwest corner of Middle.....
Reynolds street, southwest corner of Weld.....
Reynolds street, west side, south of Clark, 17.9 feet.....
Reynolds street, southwest corner of Cedar Grove street
Richmond street, southwest corner of Maitland
Riverside avenue, west side, opposite Manomet street
Rivet street, southwest corner of Second. Flush

Rivet street, southwest corner of County	
Rivet street, southwest corner of Bonney	
Rivet street, southeast corner of Bolton road.....	
Rivet street, southwest corner of Hemlock.. .	
Robeson street, southwest corner of County	
Robeson street, southwest corner of Ashland.....	
Robeson street, southeast corner of Cottage.....	
Robeson street, southeast corner of Cedar.....	
Robeson street, south side, west of Cedar, 424 feet	
Rockdale avenue, southwest corner of Bolton road	
Rockdale avenue, south side, west of Bolton road, 327 feet....	
Rockdale avenue, west side, north of Milton, 126 feet	
Rockdale avenue, southwest corner of Grant street.....	
Rockdale avenue, west side, north of Lexington st., 128 feet..	
Rockland street, southwest corner of County	
Rockland street, southeast corner of Hall.....	
Rockland street, south side, west of Orchard, 13 feet	
Rockland street, south side, east of Hemlock, 179.3 feet.....	
Rockland street, southwest corner of Lombard.....	
Rotch street, west side, south of Union, 213.7 feet.....	
Rounds street, northwest corner of Elm	
Rural street, southwest corner of Allen.....	
Russell street, south side, east of Fifth, 92 feet. Flush	
Russell street, southwest corner of Sixth	
Russell street, south side, west of Sixth, 179 feet	
Salisbury street, northwest corner of Ruth.....	
Sand street, northwest corner of Grit.....	
Sawyer street, south side, west of County, 644 feet.....	
Sawyer street, southwest corner of Purchase.....	
Sawyer street, south side, opposite Brook	
Sawyer street, southwest corner of Bowditch	
Sawyer street, southwest corner of Acushnet avenue	
Sawyer street, southeast corner of Belleville avenue.....	
Sawyer street, south side, east of Mitchell, 418.8 feet	
Sawyer street, north side, east of Belleville avenue, 750 feet ..	
Sawyer street, south side, east of Mitchell street, 690 feet.. .	
School street, southwest corner of Sixth.....	
Scott street, south side, west of County, 494 feet	
Sears court, southwest corner of Purchase street. Flush	
Second street, northwest corner of Mill. Flush	
Second street, west side, south of Elm, 52 feet	
Second street, west side, south of Spring, 74 feet. Flush.....	
Second street, northwest corner of Coffin. Flush	

Second street, west side, at head of Morgan's lane	
Second street, west side, north of Grinnell, 61 feet. Flush..	
Second street, west side, north of Potomska, 232 feet.....	
Second street, west side, south of Potomska, 122 feet	
Second street, west side, south of Blackmier, 188 feet	
Seventh street, southwest corner of Union	
Seventh street, west side, north of Madison, 50 feet. Flush..	
Shawmut avenue, southwest corner of Willis.....	
Shawmut avenue, southwest corner of Parker.....	
Shawmut avenue, west side, head of Locust	
Shawmut avenue, southwest corner of Robeson	
Shawmut avenue, west side, north of Austin, 195 feet	
Shawmut avenue, west side, north of Durfee, 497 feet	
Shawmut avenue, southwest corner of Grand	
Shawmut avenue, west side, north of Grand, 863 feet.....	
Shawmut avenue, west side, opposite Topham street	
Shawmut avenue, northwest corner of Plainville road.....	
Sherman street, south side, west of County, 314 feet. Flush .	
Shore street, west side, south of Cove road, 264 feet.....	
Sisson street, northwest corner of Union.....	
Sisson street, west side, north of Arnold, 142 feet:.....	
Sixth street, west side, north of Grinnell, 194 feet	
Smith street, southwest corner of County.....	
Smith street, southwest corner of Chestnut	
Smith street, southeast corner of Spruce	
Smith street, southeast corner of Shawmut avenue	
Smith street, south side, east of Park, 5 feet	
South street, south side, east of Crapo, 357 feet	
South street, southwest corner of Acushnet avenue.....	
South street, southwest corner of Second	
South street, southwest corner of First	
South street, southwest corner of Water	
South street, southwest corner of Prospect.....	
Spring street, southwest corner of Water	
Spring street, southeast corner of Acushnet avenue	
Spring street, southeast corner of Fifth. Flush.....	
Spring street, southwest corner of Seventh.....	
State street, southwest corner of Sycamore	
State street, southwest corner of Pearl. Flush	
Stone street, west side, south of Allen, 208.6 feet.....	
Stowell street, south side, east of Field, 153 feet	
Summer street, northwest corner of North. Flush	
Summer street, northwest corner of Hillman. Flush	

Summer street, southwest corner of Willis. Flush
Summer street, southwest corner of Locust
Sycamore street, southwest corner of Thomas. Flush.....
Sycamore street, southwest corner of Summer. Flush.....
Sycamore street, southwest corner of Chancery
Taber street, southwest corner of Page
Taber street, south side, west of Page, 428.7 feet
Tallman street, southwest corner of Belleville avenue.....
Thompson street, southeast corner of Bourne
Thompson street, southwest corner of Hemlock.....
Thompson street, south side, east of Hemlock, 99.8 feet
Thompson street, south side, west of Bonney, 302 feet.....
Thompson street, south side, east of Hall, 20 feet
Thompson street, southwest corner of County.....
Tinkham street, south side, east of Acushnet ave., 239.2 feet..
Topham street, south side, east of Shawmut avenue, 847 feet..
Tremont street, southwest corner of Union
Tremont street, northwest corner of Maple
Trinity street, south side, west of Cedar, 284 feet
Union street, southwest corner of Front
Union street, southwest corner of Water
Union street, southwest corner of First
Union street, southwest corner of Second
Union street, southwest corner of Acushnet avenue
Union street, southwest corner of Sixth.....
Union street, southwest corner of County
Union street, southeast corner of Emerson.....
Union street, southwest corner of Ocean.....
Union street, south side, west of James, 61 feet
Valentine street, south side, west of Brock avenue, 621 feet...
Valentine street, south side, east of West French ave., 142 feet
Viali street, northwest corner of Ruth street.....
Vine street, west side, north of Durfee, 215 feet.....
Walden street, southwest corner of Maxfield. Flush
Wall street, south side, east of Acushnet ave., 165 feet. Flush
Wall street, southeast corner of Acushnet avenue
Walnut street; northwest corner of Front
Walnut street, southwest corner of Water.....
Walnut street, southwest corner of Second. Flush
Walnut street, southwest corner of Fourth
Walnut street, southwest corner of Seventh.....
Wamsutta street, south side, west of Front, 200 feet.
Wamsutta street, south side, west of Front, 372 feet.

Wamsutta street, south side, east of Acushnet avenue, 286 feet
Ward street, southwest corner of Bay.....
Warren street, southwest corner of Brock avenue
Washburn street, southeast corner of Acushnet avenue
Washburn street, south side, west of North Front, 228 feet ...
Washington street, southwest corner of County.....
Washington street, southwest corner of Crapo.....
Washington street, south side, west of Orchard, 102 feet.....
Washington street, southeast corner of Dartmouth. Flush
Water street, southwest corner of Hillman. Flush
Water street, southwest corner of North
Water street, northwest corner of High.....
Water street, southwest corner of Elm. Flush
Water street, west side, north of Center, 46 feet. Flush.....
Water street, southwest corner of School
Water street, west side, head of Pine
Water street, west side, head of Leonard
Water street, southwest corner of Howland.....
Water street, northwest corner of Grinnell
Water street, northwest corner of Potomska
Water street, west side, south of Potomska, 286 feet.....
Water street, northwest corner of Rivet
Water street, southwest corner of Blackmer.....
Water street, northwest corner of Delano.....
Water street, west side, head of Gifford.....
Weld street, southeast corner of Mt. Pleasant
Weld street, southwest corner of State.....
Willard street, south side, west of Brock avenue, 560 feet....
Willard street, south side, east of West French ave., 101 feet..
William street, southwest corner of Bethel
William street, southwest corner of Second
William street, southwest corner of Purchase
William street, southwest corner of Sixth.....
William street, southwest corner of Eighth
Willis street, southwest corner of Acushnet avenue
Willis street, southwest corner of Purchase
Willis street, southeast corner of Pleasant.....
Willis street, southwest corner of State
Willis street, southwest corner of County.....
Willis street, southwest corner of Cottage
Willis street, south side, west of Cedar, 200 feet.....
Willow street, southwest corner of Cottage
Willow street, south side, west of Cedar, 224 feet

Willow street, southeast corner of Shawmut avenue.....	
Wing street, southwest corner of Fourth	
Wing street, southwest corner of Sixth	
Winsor street, south side, west of County, 455.5 feet.....	
Winsor street, southeast corner of Crapo	
Wood street, south side, west of Acushnet avenue, 366 feet ...	
Woodlawn street, south side, west of Brock avenue, 636 feet ..	
Woodlawn street, south side, east of West French ave., 134 feet	
Number of flush hydrants.....	104
Number of post hydrants	665
Total number of hydrants.....	769

SUMMARY OF STATISTICS.

REPORT OF 1902.

IN ACCORDANCE WITH SUGGESTIONS ADOPTED BY THE
NEW ENGLAND WATER WORKS ASSOCIATION.

NEW BEDFORD WATER WORKS,
NEW BEDFORD,
BRISTOL COUNTY, MASS.

Population by census of 1900, 62, 442

Date of construction,

1866 to 1869, inclusive
Further supply, 1895 to 1901, inclusive

By whom owned,

The property of the City of New Bedford

Source of supply,

Water was first introduced on Nov. 26th, 1869. From that date until July 10th, 1899, the supply was taken from a storming reservoir artificially formed by constructing a dam across the valley of the Acushnet river, seven miles north of the center of the City. This supply was augmented by a connection made in 1886 with Little Quittacas Pond.

Since July 10th, 1899, the whole supply has been taken from Great and Little Quittacas Ponds, eleven miles north of the center of the City.

Mode of supply,

Previous to July 10th, 1899, the water flowed by gravity from the Acushnet Storing Reservoir (grade 40' + high water New Bedford Harbor) through a brick conduit 3 feet wide, 4 feet high, $5\frac{6}{10}$ miles long to a receiving reservoir (capacity 3 million gallons; grade 30') located opposite the Purchase street pumping station. Thence it was pumped into the Mt. Pleasant distributing reservoir (capacity, 15 million gallons; grade 154') located 1879 feet distant, from whence it flowed by gravity into the city's distributing system.

Since July 10th, 1899, the entire supply has been pumped from Little Quittacas pond (grade 52' through a 48 inch steel force main $8\frac{1}{4}$ miles long to a distributing reservoir (capacity 67 million gallons; grade 216') located upon High Hill, in the town of Dartmouth. From this reservoir it flows into the City's distributing system by gravitation through a 36 inch cast iron pipe $3\frac{3}{4}$ miles long.

The first named system is not now in use; but is held in reserve to meet any emergency which might occur.

PUMPING.**1. Builders of pumping machinery,****Purchase street station,**

- a. McAlpine engine, built by Quintard Iron Works.
- b. Worthington duplex engine, built by Henry R. Worthington.
- c. Worthington high duty engine, built by Henry R. Worthington.

Little Quittacas station,

- a. Leavitt engine, built by the Dickson Manufacturing Co.
- b. Leavitt engine, built by the Dickson Manufacturing Co.

2. Description of fuel used.

- a. Bituminous.
- b. Pocahontas.
- c. Price per gross ton delivered, Braley's station, \$4.95.
- d. Percentage of ash, 7.
- e. Wood, price per cord, \$4.00.

	Engines A and B	Little Quintacas Station.
3. Coal consumed for the year in pounds,	2,806.875	
4. $\frac{\text{Lbs of wood consumed}}{3} = \text{coal},$	183	
5. Total fuel consumed for the year $(3 + 4),$	2,807.058	
6. Total pumping for the year in gallons, with allowance for slip,	2,307,304.830	
7. Av. static head against which pumps work,	167.38	
8. Av. dynamic head against which pumps work,	188.09	
		Little Quintacas Station.
9. a. Number of gallons pumped per pound of fuel, (5),	822	Engines A and B.
b. Number of gallons raised 100 feet per pound of coal for total fuel (5),	1,546	
10. Duty in foot pounds per 100 pounds of coal, using following formula making no deductions for starting, banking fires, heating building, or anything else,		
Duty = $\frac{\text{Gallons pumped (6)} \times 8.34 (\text{lbs}) \times 100 \times \text{dynamic head (8)}}{\text{Total fuel consumed (5).}}$	128,939.311	

**COST OF PUMPING, FIGURED ON PUMPING STATION
EXPENSES, VIZ., \$15,083.86.**

11. Per million gallons raised against average dynamic head (8) into reservoir, **\$6.52**
12. Per million gallons raised one foot high (dynamic), **3₁⁴₀⁷₆ cents.**

**COST OF PUMPING, FIGURED ON TOTAL MAINTENANCE,
(See Financial CC.) VIZ., \$115,267.44**

13. Per million gallons raised against average dynamic head (8) into reservoir, **\$49.96**
14. Per million gallons one foot high (dynamic), **26₁⁵₆₀ cents.**

FINANCIAL STATISTICS.

RECEIPTS.		EXPENDITURES.	
<i>Balance brought forward,</i>	\$11,368.74	<i>Water Works Maintenance:</i>	
(a.) From ordinary (maintenance) receipts,	12,561.30	A.A. Operation (management and repairs),	\$39,387.44
(b.) From extraordinary receipts (bonds, etc.),	<u>7,600</u>	C.C. Total maintenance, D.D. Interest on bonds,	<u>75,880.00</u>
Total	31,430.04	C.C. + D.D.,	115,267.44
<i>From Water Rates:</i>		E.E. Payment of bonds, F.F. Sinking Fund,	30,000.00 28,000.00
A. Fixture rates,	73,990.25	<i>Water Works Construction:</i>	
B. Meter rates,	38,116.19	\$112,108.44	
C. Total from consumers,		G.G. Extension of mains,	20,276.79
D. For hydrants		H.H. Extension of services,	4,256.33
E. For fountains,		II. Extension of meters,	2,644.97
F. For street watering,		J.J. Special :	386.49
G. For public buildings,		K.K. Total construction,	27,564.58
H. For miscel. uses,		M.M. Balance:	
I. Gen'l appropriation,	12,000.00	(aa.) Ordinary,	13,084.46
J. Total for municipal depts,	65,880.00	bb.) Extraordinary,	7,500.00
K. From tax levy,		Total balance,	20,584.46
N. Total,	<u>\$221,416.48</u>	N. Total,	<u>\$221,416.48</u>

WATER REPORT.

FINANCIAL — *Continued.*

Disposition of balance.	Balance to new account.
O. Net cost of works to date, Old works,	\$1,870,121.54
Further supply,	1,316,639.60
	—————
	\$3,186,761.14
P. Bonded debt at date, Old works,	\$498,000.00
Further supply,	1,200,000.00
	—————
	\$1,698,000.00
Q. Value of Sinking Fund at date,	216,683.90
R. Average rate of interest,	$4\frac{3}{10}\%$ per cent.

STATISTICS OF CONSUMPTION OF WATER.

1. Estimated total population at date,	70,000
2. Estimated population on lines of pipe,	62,000
3. Estimated population supplied,	61,000
4. Total consumption for the year.	2,325,807,038 gallons
5. Passed through meters,	619,398,061 gallons
6. Percentage of consumption metered	26 ⁸ ₁₀
7. Average daily consumption,	6,372,074 gallons
8. Gallons per day to each inhabitant,	91
9. Gallons per day to each consumer,	104
10. Gallons per day to each tap,	663
11. Cost of supplying water, per million gallons, figured on total maintenance (item CC),	\$16.94
12. Total cost of supplying water, per million gallons, figured on total maintenance + interest on bonds,	\$49.96

WATER REPORT.

STATISTICS RELATING TO DISTRIBUTION SYSTEM.

	MAINS.	SERVICES.
1.	Kind of pipe, cast iron.	16. Kind of pipe, lead and cast iron.
2.	Sizes from 4 inch to 36 inch.	17. Sizes, from $\frac{1}{2}$ to 10 inches.
3.	Extended 18,438 feet during year.	18. Extended 10,268 feet.
4.	Discontinued, 2,507 feet during year.	19. Discontinued, 3603 feet.
5.	Total now in use, 97 $\frac{10}{16}$ miles.	20. Total now in use, 62 $\frac{6}{16}$ miles.
6.	Cost of repairs per mile, \$8.08	21. Number of service taps added during year, 166
7.	Number of leaks per mile, $\frac{1}{4}$	22. Number now in use, 9,612.
8.	Length of pipes less than 4 inches diam., 1 $\frac{10}{16}$ miles.	23. Average length of service, 34.4 feet.
9.	Number of hydrants added during the year (public and private),	24. Average cost of service for the year : a. Gross, \$19.98. b. Net, 5.85.
10.	Number of hydrants (public and private) now in use,	43 25. Number of meters added, 205. 979 26. Number now in use, 1,771.
11.	Number of stop gates added during year,	45 27. Percentage of services metered, 18 $\frac{4}{16}$
12.	Number of stop gates now in use,	1137 28. Percentage of receipts from metered water ($B \div C$), 34.
13.	Number of stop gates smaller than 4 inch	78
14.	Number of blow offs,	97 29. Number of motors and elevators added, 3.
15.	Range of pressure on mains 26 lbs. to 105 lbs.	30. Number now in use, 128.

IN BOARD OF ALDERMEN,

Feb. 26, 1903.

**Received, ordered printed in the City Documents and
sent down for concurrence.**

WM. S. COOK, Ass't. Clerk.

IN COMMON COUNCIL,

Feb. 26, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 4.

The Fifty-First Annual Report

OF THE

TRUSTEES

OF THE

FREE PUBLIC LIBRARY

OF THE

CITY OF NEW BEDFORD, MASS.

— — —
NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

Officers of the Free Public Library

FOR THE YEAR 1903.

TRUSTEES.

Ex-officio. *Terms expire January, 1904.*

CHARLES S. ASHLEY, Mayor of the City.

SAMUEL HIGHAM, President of the Common Council.

WILLIAM E. SMITH, Chairman of the Committee of the City on Education.

Elected by the City Council.

ISAAC B. TOMPKINS, JR. Term expires April, 1903.

MATTHEW C. JULIEN, Term expires April, 1903.

FRANCIS M. KENNEDY, Term expires April, 1904.

LEMUEL LEB. HOLMES, Term expires April, 1904.

WALTER S. ALLEN, Term expires April, 1905.

WILLIAM L. SAYER, Term expires April, 1905.

PRESIDENT OF THE BOARD, THE MAYOR.

CLERK,
WILLIAM L. SAYER.

COMMITTEES,

On Library — **MESSRS. JULIEN, SAYER, AND TOMPKINS**,

On Finance — **MESSRS. KENNEDY, ALLEN, AND HOLMES**.

On the Building — **MESSRS. HOLMES, ALLEN, AND SMITH**.

On Branch Reading Rooms — **MESSRS. JULIEN AND SMITH**.

LIBRARIAN,
GEORGE H. TRIPP.

CATALOGUER,
ANNA M. DEWOLF.

ASSISTANTS,

CLEMENT L. YARGER, JOSEPHINE A. MERRICK, SUSIE H. GAMMONS.
ETTA F. LAWRENCE, FLORENCE E. PRIRCE, NELLIE C. DAVOLL.

DELIVERY STATION ATTENDANTS,

North Station — **WILLIAM BROWN**. South Station — **ROBERT ALLEN**.

PAGES,

JAMES McCARTHY, **JOHN HOYLE,**
JOSEPH F. BIRTWHISTLE. **ARTHUR J. ROGERS.**

JANITOR,
YORRICK W. AMES.

Trustees' Report.

To the City Council of the City of New Bedford:

GENTLEMEN:—The Board of Trustees of the Free Public Library herewith presents its Fifty-first Annual Report, of which the annual report of the librarian to the board, presented in connection herewith, is made a part.

It is unnecessary to multiply words in this report. Mr. Tripp has summarized the activities of the year in a clear and comprehensive manner, to which no addition need be made. The Trustees desire to emphasize their appreciation of his work, which is faithful and zealous, and which has already produced good results, especially in the notably increased use of the library for purposes of reference and study. The force of workers under him is encouraged by his hearty interest in the library, and we believe that at no time in the history of the institution has that force been so efficient as now.

The extension of the privileges of the library to younger children than had formerly frequented it, in response to an imperative demand, demonstrates forcibly the need of more room. Provisions for a children's room would probably relieve the reading and reference room to such an extent as to accommodate adult visitors fairly well for the present. • The Board respectfully calls attention to the importance of the subject, and commends it to the careful consideration of the Council as being a matter of immediate importance.

FREE PUBLIC LIBRARY.

The things which have been many times said with respect to the crowded condition of the library in general may all be said at this time with renewed vigor. They are familiar to the Council, and we reiterate them at the present time in order that the matter shall not be lost sight of.

Respectfully submitted,

CHARLES S. ASHLEY,	}	<i>Ex-officio.</i>
SAMUEL HIGHAM,		
WILLIAM E. SMITH,	}	<i>Elected Trustees.</i>
ISAAC B. TOMPKINS, JR.,		
MATTHEW C. JULIEN,		
FRANCIS M. KENNEDY,		
LEMUEL LEB. HOLMES,		
WALTER S. ALLEN,		
WILLIAM L. SAYER,		

Librarian's Report.

To the Board of Trustees of the Free Public Library:

GENTLEMEN:—I have the honor to submit the following report on the condition and work of the library.

During the past year the work has gone along smoothly, with the steady purpose of putting forward the best books and increasing the number of readers.

Special bulletins on the following subjects were prepared and circulated in connection with the monthly bulletins of new books. Lists on: The Cotton Industry; Textile and Textile Industries; Genealogical Works in the Library; The Coronation; Labor, Arbitration, and Strikes; Gosnold and the Island of Cuttyhunk.

A folder was printed giving a classified list of reference books in use. A recent topical list of magazines and newspapers taken, including some two hundred and eighty titles, has also been distributed. Special reading lists on topics of current interest have been from time to time shown on the bulletin board.

The display of art photographs has been continued through the year, changing every Saturday. In this way many hundreds of photographs have been brought to the attention of visitors.

Through the courtesy of Miss Mary B. Hathaway a fine collection of classic busts has been loaned to the library, and occupies advantageous positions on the walls of the reading room.

A generous donation of a sum of money for the purchase of books suitable for mothers to read to their young children was made by Mrs. Abraham Taber. These books have proved very satisfactory and have undoubtedly contributed much to the pleasure of parents and children. The list is constantly being added to.

In September arrangements were made with the manager of the Tabard Inn Library for a service of 250 books. The books furnished are books of current interest, mainly fiction. This arrangement has proved very popular, and it saves the library from buying a good deal of fiction which people wish to read, and which perhaps is worth reading, and yet is not worth while to purchase as permanent additions to the library. This experiment was first undertaken by Mr. Ballard of the Pittsfield Atheneum, and ours was perhaps the second public library to make use of this supplemental service. Since then many public libraries are adopting the plan.

By arrangement with the General Theological Library of Boston our library is able to furnish to local clergymen the benefit of a large collection of theological works, and any minister of New Bedford may through this library take books from the above collection.

Library privileges were extended to card-holders of the Millicent Library in Fairhaven during the past year, a gracious appreciation of the courtesies which have been extended to residents of New Bedford and vicinity since the opening of the library ten years ago.

The librarian and two attendants were present at meetings of the Library Convention at Magnolia, where a thousand library workers from all over the continent were assembled. The meetings were productive of much good and were extremely stimulating and interesting.

In October the Massachusetts Library Club met in New Bedford and Fairhaven, and had a session of interest and profit.

To stimulate interest in reading among the boys of the city, selected books to the number of fifty each have been deposited at the North End Guild and at the Union for Good Works. The books have been received with enthusiasm, and I trust will be of benefit. They circulate through the management of the rooms.

Among the most important documents in the possession of the library are the so-called Leonard Papers, which contain the vital records of Old Dartmouth. It has long been considered unsafe that these books and papers should be kept unprotected from danger from fire or theft. They are now being copied in duplicate, and it is hoped that they will be provided with a safe place of deposit where they may be always preserved beyond possibility of injury or mutilation.

Last spring, through the efforts of interested friends, a subscription was started for the purpose of commemorating the life work of the late librarian, Robert C. Ingraham, by raising funds to procure a marble bust which should perpetuate the memory of one who had been identified for a half century with the work of the library. The following circular was prepared:

THE INGRAHAM BUST.

An appeal to the Public Spirited Citizens of New Bedford.

A fund has been started for the purpose of procuring a bust of the late Robert C. Ingraham, to be placed in the public library. In no more fitting manner can the public services of Mr. Ingraham be commemorated than by placing such a memorial among the books he loved, as a testimony of respect from the people whom for fifty years he so unselfishly served.

The contributions already received amount to nearly \$600. The responses to this call will undoubtedly be prompt and generous. Any amount, however small, will be gladly received and acknowledged. The committee feels that for such a purpose the contributors should include as many as possible, not only the patrons

of the library, who feel personally indebted to the labors of Mr. Ingraham, but all who appreciate the influence of such a man on the culture of this community.

Subscriptions will be taken by the undersigned, who has been appointed by the library trustees to act as treasurer of the fund.

GEORGE H. TRIPP,
Free Public Library.

Subscriptions rapidly came in, and within a few weeks \$1000 was pledged, and the commission was given to Mr. Walton Ricketson, who is at present making satisfactory progress on the work.

The Woman's Club has very generously voted to provide a pedestal.

During the year special collections of books in Yiddish were put in, and have been highly appreciated by the Hebrew residents of the city. Progress is being made on the German catalogue, and it is hoped to have it ready early in the summer.

Among the donations to the library is a nearly complete collection of the manuscript sermons of Rev. W. J. Potter, given by his son, Mr. Alfred C. Potter of Cambridge.

Among the recommendations for still further improvement in the condition of the library, first is the need of a children's room. It is not possible to do the best work for the young people without separate quarters and special attendance.

The need of improved ventilation has been brought to the attention of the City Property Committee, who are planning to relieve the present extremely unsatisfactory condition of the reading room. It is hoped that effective means will be taken to remedy this defect, as the health and comfort of all who use the room urgently demand fresh air. I would suggest that the branch reading rooms be kept open Sunday afternoons and evenings. I

think it would be very welcome to the residents of those sections, who in increased numbers are using the rooms.

I would renew my suggestion of a year ago, that each card-holder be allowed the privilege of two books, only one of which shall be fiction. Nothing would more tend to decrease the preponderance of fiction reading than the opportunity to take some other book with the story book, which so many choose.

It has been nearly ten years since a registration of card-holders, and during the slack time of early summer it would be well to have a new registration of cards.

Our library should be the depository of all local historical matter. Old deeds, logs, pamphlets, photographs, prints, etc., should find their resting place here, where they may be cared for faithfully and be readily accessible to interested students of local history.

Attention is called to the list of noteworthy books added during the year. (Appendix D).

To get an estimate of the attendance at the library a record was made during one week in January, when it was found that 3,500 people came into the library during that time, over 1000 on Saturday. The largest circulation of one day in the year was 873 on March 1. The month of largest circulation was March, with a circulation of 12,000 books.

The assistants have rendered good work through the year, and one and all have manifested deep interest in the work of the library, which is needed to make any work a success.

I thank the Trustees for their continued confidence and for the advice and assistance which has been ever ready to help the librarian in the duties of his office.

The library is indebted to Congressman Greene for many courtesies in facilitating the relations between the library and the various public offices of the General Government.

The patrons of the library are many; they should be more. Out of 80,000 books, the numerous books of reference, with information desk, telephones, periodicals at their service, help should be found on any subject.

It should be our aim that no one need go away unsatisfied, and the constant purpose of the management is to live up to that standard.

The greatest freedom in the use of books, consistent with their preservation and proper use, is the policy of the modern library.

Respectfully submitted,

GEORGE H. TRIPP, Librarian.

APPENDIX A.

CIRCULATION.

CLASSIFICATION.	NO. OF BOOKS CIRCULATED.	PERCENT OF WHOLE.
Miscellaneous and periodicals	3,325	2.9+
Philosophy	714	.6
Religion	1,148	1.
Sociology	1,911	1.6
Language	309	.3
Science	2,226	1.9
Useful Arts	2,337	2.
Fine Arts	2,888	2.5
English Literature	2,612	2.3
Foreign Literature	652	.5
Biography	3,040	2.+
History	8,476	3.5
Travels	2,687	2.3+
Fiction	83,571	73.5
Foreign Fiction	2,801	2.5
Total circulation	114,697	

APPENDIX B.

GENERAL STATISTICS FOR 1902.

Volumes added to the library from all sources	3,699
Pamphlets	1,096
Total additions	4,795
Volumes added by purchase	3,294
Volumes added by gift	405
Volumes worn out and withdrawn	546
Volumes replaced	154
Net additions to the library in volumes	3,307
Volumes bound (including periodicals and volumes repaired at bindery)	1,613
Total number of volumes in the library January 1, 1903	81,014

Periodicals in reading room	185
Newspapers in reading room	27
New cards issued	1,252
Books drawn for home use	114,697
 Pictures loaned :	
Paintings	563
Architecture	158
Prints	118
Sculpture	141
Total	<hr/> 975

North Branch:—

Attendance, adults	4,959
" children	9,925
Books circulated	1,660

South Branch:—

Attendance, adults	3,944
" children	13,319
Books circulated	1,008

APPENDIX C.**EXPENDITURES 1902.****CITY APPROPRIATION.**

Appropriation	\$12,000.00
Binding	\$861.03
Carrying books (branches)	60.00
Freight	9.52
Newspapers and periodicals	1,040.94
Printing	347.18
Repairs	89.72
Telephone	30.00
Salaries and wages	9,019.41
Foreign money orders	6.07
Supplies	342.93
Furniture	27.25 11,834.05

DOG FUND.

Balance	\$1,141.04
Income	1,553.95
	<hr/>
	\$2,694.99
Furniture	\$156.13
Carrying books	40.00
Newspapers and periodicals	57.05
Photographs	85.60
Repairs	38.60
Freight	18.96
Binding	44.65
Printing	20.00
Supplies	76.71
	<hr/>
Balance	\$2,162.29

READING ROOM FUND.

Balance	\$370.69
N. B. Gas & Edison Light Co.	\$224.08
Furniture	6.00
Newspapers and periodicals	230.03
	<hr/>
Balance	\$140.66

JAMES B. CONGDON FUND.

Balance	\$127.66
Income	30.00
	<hr/>
Balance	\$157.66

No expenditures.

GEORGE O. CROCKER FUND.

Balance	\$517.26
Income	420.00
	<hr/>
Books	\$937.26
	<hr/>
Balance	862.77
	<hr/>
	\$74.49

OLIVER CROCKER FUND.

Balance	\$159.06
Income	60.00
	<hr/>
Balance	\$219.06

No expenditures.

FREE PUBLIC LIBRARY.

GEORGE HOWLAMD, JR., FUND.

Balance	\$338.68
Income	96.00
	<hr/>
Books	\$429.68
	<hr/>
Balance	207.25
	<hr/>
	\$226.43

SYLVIA ANN HOWLAND FUND.

Balance	\$1,186.15.
Income	8,001.45
	<hr/>
Books	\$4,187.60
	<hr/>
Balance	3,411.50
	<hr/>
	\$776.10

CHARLES W. MORGAN FUND.

Balance	\$166.24
Income	60.00
	<hr/>
Balance	\$226.24

No expenditures.

CHARLES L. WOOD FUND.

Balance	\$208.18
Income	80.00
	<hr/>
Balance	\$288.18

No expenditures.

TOTAL EXPENDITURES.

Binding	\$905.68
Books	4,481.52
Carrying books (branches)	100.00
Freight	23.48
Furniture	189.38
N. B. Gas & Edison Light Co.	224.03
Newspapers and periodicals	1,328.02
Photographs	85.60
Printing	367.18
Repairs	128.32
Salaries and wages	9,019.41

So. Mass. Telephone Co.	30.00
Supplies	425.71

FINES ACCOUNT.

Balance on hand January 1, 1908	\$310.08
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APPENDIX D.

SOME OF THE NOTEWORTHY BOOKS ADDED TO THE LIBRARY IN 1902.

Natural History	R. Lydekker and others
Universal Anthology	R. Garnett and others
Living Races of Mankind	H. N. Hutchinson and others
Library of Religious Poetry	Schaff & Gilman
League of the Iroquois	L. H. Morgan
Encyclopedia of United States History	
History of Norwalk	C. M. Selleck
History of Sweden	N. N. Cronholm
State of Rhode Island	Edw. Field, editor
Catalogue of Morse Collection of Japanese Pottery	G. F. Armstrong
Savages of the Ards	
Genevan or "Breeches" Bible. 1608	
Latin Bible, Black Letter	
Modern Eloquence	T. B. Reed, editor
Young Folk's Library	T. B. Aldrich, editor
History of the World	H. F. Helmholz
American Fur Trade in the Far East	H. M. Crittenden
Spanish and English Dictionary	M. V. de la Cadena
Writings of F. Bret Harte. 16 vols.	
Sir Henry Raeburn	W. Armstrong
Lectures of John L. Stoddard. 12 vols.	
Reign of Queen Anne.	Justin McCarthy
Letters of Daniel Webster	C. H. Van Tyne, editor
Historic Houses of New Jersey	W. J. Mills
Memories of a Hundred Years	E. E. Hale
Visitations of Essex	
New International Cyclopedia	
Georgian Period	W. Rotch Ware, editor

Modern Mural Decoration	A. L. Baldry
Unknown Mexico	Carl Lumholtz
Library of Historic Characters	A. R. Spofford and others
History of Lace	Mrs. B. Palliser
Memoirs	F. A. de Chateaubriand
Dictionary of Americanisms	L. S. Clapin
Encyclopedias Biblica. 8 vols.	
History of America's Cup.	W. M. Thompson and T. W. Lawson
Blue Book of American Shipping	
Diamond Mines of South Africa	G. F. Williams
Britannia	William Camden, 1722
Old English Masters	Timothy Cole
Tour in the Netherlands	Robert Southey
Fashions in Paris	Octave Uzanne
History of the American People	Woodrow Wilson
Old Court Suburbs	J. H. Leigh Hunt
Old and New London. 6 vols.	Walter Thornbury
Old and New Edinburgh. 3 vols.	James Grant
Colonial Furniture and Interiors	N. W. Elwell
Japan	Mortimer Menpes
Literature of American History	J. N. Larned
Student's Reference Work	C. B. Beach, editor
Italy	Samuel Rogers
Chaucer. 6 vols.	W. W. Skeat, editor
Samlede Vaerker. 9 vols.	Henrik Ibsen
Folkendgave. 11 vols.	Bjornstjeune Bjornson
American Gardens.	Guy Lowell, editor
Australasia Illustrated	Andrew Garrau
Anglo-Saxon Review. 10 vols.	Lady R. Churchill, editor
Franz Hals.	G. S. Davies
Versailles Historical Series. 17 vols.	K. P. Wormeley, trans.
Japan and its History, Arts and Literature. 8 vols.	Capt. F. Brinkley
Marriages in Reformed Dutch Church. 1639-1801	
Works of Voltaire. 24 vols.	
Library of Literary Criticism. 4 vols.	C. W. Moulton
Andrea Mantegna	Paul Kristeller
Life and Letters of Lady Sarah Lenox	
Royal Tombs of Earliest Dynasties	W. M. F. Petrie
Novels of Alexandre Dumas. 40 vols.	
Writings of Colonel William Byrd	
History of Indian Wars in New England	William Hubbard
Life of Napoleon Bonaparte.	W. M. Sloane
Works of Victor Hugo. 20 vols.	
Dictionary of the Bible	James Hastings

History of France	G. W. Kitchen
Furniture of Our Forefathers	Esther Singleton
Liber de Scriptoribus Ecclesiasticis	Johannis de Trittehem, 1512
Sermonarum de Commendatione Virtutum	Carchano, 1495
History of the Scotch-Irish	C. A. Hanna
English Coronation Records	G. W. L. Legg
Rubens	Emile Michel
Proceedings and Addresses of National Educational Association.	
1895-1901	
History of Dancing	Gaston Vuillier
Gardens New and Old	John Leyland, editor
English Country Churches	Ralph A. Cram
Sylva of North America. Vols. 13 and 14 to complete set	
C. S. Sargent	

APPENDIX E.

Gifts—1902.

	Volumes	Pamphlets	Bulletins
American Anti-Vivisection Society, Philadelphia, Pa...	1		
American Free Trade League, Boston	1		
American Institute of Instruction	1		
American-Irish Historical Society, Boston	1	1	
Ames, Y. W., New Bedford... programmes and menus			
Amherst College, Amherst	1		
Andover Theological Seminary, Andover	1		
Anonymous	1		
Anti-Imperialist League, Boston	1		
Appalachian Mountain Club, Boston	1		
Ashley, Harrison Everett, New Bedford	2		
Balch, E. S., Philadelphia, Pa.....	1		
Benton, Josiah Henry, Jr., Boston	1		
Boston, City of	2		
Boston Book Company, Boston.....	4		
Boston Musical Bureau, Boston	1		
Boston Young Men's Christian Union, Boston	2		
Bowdoin College, Brunswick, Me	1		
Brayton, John S., Fall River	1		
Brown University, Providence, R. I.....	2		
Bunker Hill Monument Association, Boston	2		
Bureau of the American Republics, Washington, D. C.	2		
Butler Hospital, Providence, R. I.....	1		
Cambridge, City of	1		
Caproni, P. P. & Brother, Boston	2		
Chicago, Ill., City of	3		
Chicago & North-Western Railway (Passenger Dept.).	1		
Chickering & Sons, Boston	1		
Church, William A., New Bedford	Old bank note	1	

	Volumns	Pamphlets	Bulletins
Columbia University, New York, N. Y.	1		
Connecticut Historical Society, Hartford, Ct.		1	
Connecticut, State of	1		
Coolidge, T. Jefferson, Manchester		1	
Cooper Union for the Advancement of Science, New York, N. Y.		1	
Cornell University, Agricultural Experiment Station, Ithaca, N. Y.	11		
Creelman, James, Washington, D. C.	1		
Curtis Publishing Co., Philadelphia, Pa.		1	
Dante Society, Cambridge		1	
Depew, Chauncey M., New York, N. Y.	2		
Equitable Life Assurance Society of the United States, New York, N. Y.	1		
Fairhaven, Town of		2	
Field Columbian Museum, Chicago, Ill.		10	
Fitchburg, City of	1		
General Society of Mechanics and Tradesmen, New York, N. Y.		1	
Green, Samuel S., Worcester		1	
Green, William S., M. C., Fall River		Map	
Hall, Drew B., Fairhaven	1		
Hall, Walter Scott, Chicago, Ill.		4	
Hampton Normal and Agricultural Institute, Hamp- ton, Va.		1	
Hartford Theological Seminary, Hartford, Conn.		1	
Harvard University, Cambridge	2	2	
Haskins, Charles Nelson, New Bedford		1	
Herrmann, Oscar, New York, N. Y.		1	
Hervey, E. Williams, New Bedford	1		
Hills, William S., Boston		1	
Holcombe, Rev. Willis, New Bedford	1	2	
Hutchinson, H. S. & Co., New Bedford	1	10	
Hyde, James H., New York, N. Y.	1		
Indian Rights Association, Philadelphia, Pa.		3	
Ingraham, Andrew, New Bedford		1	
Jennings, Abraham G., New York, N. Y.	1		
Johns Hopkins University, Baltimore, Md.	1		
Julien, Rev. M. C., New Bedford		1	
Kimball School, New Bedford		2	
Kirschbaum, William G., New Bedford		1	
Lawson, Thomas W., Boston	1		

	Volumes	Pamphlets	Bulletins
Lega-Weekes, Miss Ethel, London, Eng.....	1		
Leonard, Daniel B., New Bedford.....	1		
Leslie, Edmund Norman, Skaneateles, N. Y.....	1		
Libraries:			
Baltimore, Md. Enoch Pratt Free Library	1	2	
Boston Public Library	3	12	
Bradford, Pa. Carnegie Public Library	1		
Bridgewater Public Library	1		
Brockton Public Library		27	
Brookline Public Library	2	4	
Brooklyn, N. Y. Public Library	2	9	
Brunswick, Me. Bowdoin College Library	1		
Buffalo, N. Y. Public Library	1		
Burlington, Ia. Free Public Library	3		
Burlington, Vt. Fletcher Free Library	1		
Cambridge Public Library	1	10	
Harvard University Library	2		
Chicago, Ill. John Crerar Library	3		
Public Library	5	3	
Cleveland, O. Public Library	2	1	
Clinton. Bigelow Free Public Library	1		
Dayton, O. Public Library and Museum	1		
Detroit, Mich. Public Library	1		
Dover, N. H. Public Library	2	2	
Fairhaven. Millicent Library	15	5	
Fall River Public Library.....	2	2	
Fitchburg Public Library		6	
Germantown, Pa. Friends' Free Library	1		
Grinnell, Ia. Iowa College Library		2	
Groton Public Library	1		
Hartford, Conn. Public Library	1		
Haverhill Public Library.....	1	4	
Hyde Park Public Library	1		
Jersey City, N. J. Free Public Library	1	4	
Lawrence Public Library	2		
Leominster Public Library	1		
Los Angeles, Cal. Public Library	1	8	
Lynn Public Library.....	1		
Malden Public Library	1	1	
Marblehead. Abbott Public Library	1		
Memphis, Tenn. Cossitt Library		4	
Milwaukee, Wis. Public Library		4	

FREE PUBLIC LIBRARY.

	21		
	Volumns	Pamphlets	Bulletins
Monmouth, Ill. Warren County Library and Reading Room Association		2	
New Haven, Conn. Free Public Library		1	10
Yale College Library		1	
New Orleans, La. Howard Memorial Library		1	
New York, N. Y. Aguilar Free Library Society..		1	
General Society of Mechanics and Tradesmen .		1	
Mercantile Library		2	
Public Library			12
Newark, N. J. Free Public Library.....		1	
Newton Free Library		1	
Northampton. Forbes Library		1	
Oakland, Cal. Free Library and Reading Rooms.		1	
Philadelphia, Pa. Free Library		1	
Library Company.....			2
Philadelphia City Institute.....		1	
Pittsburgh, Pa. Carnegie Library		3	9
Portland, Me. Public Library		1	
Poughkeepsie, N. Y. Adriance Memorial Library.		1	
Providence, R. I. Brown University Library			8
Public Library		1	10
St. Louis, Mo. Public Free Library.....		5	
Mercantile Library Association		1	
Salem Public Library.....		1	7
San Francisco, Cal. Public Library.....		1	11
Scranton, Pa. Public Library		1	
Somerville Public Library.....		1	9
Springfield City Library		1	8
Syracuse, N. Y. Public Library		1	
Tacoma, Wash. Public Library.....			5
Taunton Public Library.....		1	1
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M. W. Prince Hall Grand Lodge		1	
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1903. CITY DOCUMENT No. 5.

ANNUAL REPORT

OF THE

CHIEF ENGINEER

OF THE

FIRE DEPARTMENT



OF THE CITY OF NEW BEDFORD

FOR THE YEAR ENDING DECEMBER 31, 1902.

FREDERICK MACY, CHIEF ENGINEER.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.



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ON

FIRE DEPARTMENT.

1902.

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Residence, 584 Purchase Street.

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FRANCIS P. WASHBURN,
Residence, Mill Road.

JOHN E. MORDAUNT,
587 Acushnet Avenue.

ROBERT COOKE,
Residence, 266 Fourth Street.

ENGINEER'S DEPARTMENT.

CHIEF ENGINEER,
FREDERICK MACY,
Residence, 234 Acushnet Avenue.

FIRST ASSISTANT ENGINEER,
EDWARD F. DAHILL,
Residence, 764 County Street.

SECOND ASSISTANT ENGINEER,
JAMES J. DONAGY,
Residence, 88 Washington Street.

THIRD ASSISTANT ENGINEER,
WILLIAM E. WATSON,
Residence, Corner Fourth and School Streets.

FOURTH ASSISTANT ENGINEER,
ROBERT WOOLFENDEN, JR.,
Residence, 399 Pleasant Street.

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Residence, 22 Parker Street.

MASTER MECHANIC,
DANIEL D. BRIGGS,
Residence, 43 Bedford Street.

**ASSISTANT MASTER MECHANIC,
GEORGE H. PARKER,
Residence, 40 Parker Street.**

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HENRY J. MARSHALL,
Residence, 261 Fourth Street.**

**DEPARTMENT DRIVERS,
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**DEPARTMENT LINEMAN,
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Residence, 43 Wing Street.**

**CAPTAIN CENTRAL ENGINE HOUSE,
LORING T. PARLOW,
Residence, 39 High Street.**

REPORT.

HEADQUARTERS FIRE DEPARTMENT,
CITY HALL, NEW BEDFORD,
December 31, 1902.

GENTLEMEN:— In compliance with the requirements of the City ordinance governing the Fire Department of the city, I herewith submit to you my twenty-sixth annual report of the condition and work performed by this department for the year 1902, together with a list of members, with their rank, number of badge, age, residence and occupation; location of hydrants and fire alarm boxes; a statement of receipts and expenses; fires and alarms; losses and insurance, as near as could be ascertained; and such suggestions as I think will be necessary for the good of the Department.

The department is in very good condition and everything has run smoothly during the year. We have had a larger number of fires than ever before and our losses have been larger than for the past four years. The largest fire we had during the year occurred on Dec. 8th at the factory of Wm. R. West, for which two alarms were given. The loss by this fire was nearly one-half of the total loss for the year.

The city is growing very rapidly and it is in the nature of things that our fires should increase, and as it is many years since there has been any addition to the department.

I would renew my recommendations that something be done the coming year to strengthen the force and give the north and south ends and west side of the city the protection they should have.

FORCE OF THE DEPARTMENT.

The force of the department consists of two hundred and twenty men, divided as follows: Forty-four permanently employed and one hundred and seventy-six call men.

APPARATUS.

The apparatus consists of eight steam fire engines, all in first-class order, one hand engine at the Head of the River, two two-wheeled and one four-wheeled hose reels, eight hose wagons, one combination chemical, three Hayes aerial ladder trucks in commission (one Ryan truck in reserve), nine exercise and coal wagons, and one telegraph wagon.

A new hose wagon has been built for Engine No. 2 during the year.

HOUSES.

There are eight brick and one frame engine houses, all in good order, and will need little done to them the coming year.

HORSES.

There are forty-five horses belonging to the department, most of them in very good condition, but it will be necessary to purchase a few the coming year.

HARNESSES.

There are five sets of harnesses for three-horse hitches, thirteen for two-horses, and ten single harnesses, all in good order.

HOSE.

There are eighteen thousand two hundred feet of two and one half inch cotton rubber lined hose in good condition.

WATER SUPPLY.

The number of hydrants, Jan. 1st, 1902, was: seven hundred and fifty (750). Added during the year nineteen (19), making a total of seven hundred and sixty-nine (769).

There are twenty-six reservoirs in good condition to be used in an emergency.

FIRE ALARM.

This branch of the department is in very good condition. In fact far better than ever before.

During the year we have replaced all of the old weight boxes which have been in service since the alarm was installed thirty-three years ago, and now all of our boxes are of the latest non-interfering pattern.

We have made very good progress with our underground wires, having laid over eighteen thousand feet of lead-covered cables the past year.

Two new boxes have been added and placed as follows: No. 79, on the new Butler mill; No. 584, Cove st. and East French ave.

We have ninety-six (96) boxes, thirty (30) of which are private; twelve (12) bells and strikers; nine (9) fifteen inch engine house gongs; eight (8) seven inch engine gongs and ten (10) small tappers.

UNDERGROUND FIRE AND POLICE CABLES.

LAID IN 1898 AND 1899.

1,117 feet	20 wire cable
1,088 feet	16 wire cable
515 feet	12 wire cable
1,316 feet	10 wire cable
2,358 feet	9 wire cable
2,168 feet	7 wire cable
833 feet	6 wire cable
3,357 feet	5 wire cable
832 feet	4 wire cable
835 feet	3 wire cable
1,762 feet	2 wire cable
<hr/>	
16,177	

LAID IN 1900.

4,673 feet	6 wire cable
6,012 feet	2 wire cable
9,242 feet	3 wire cable
<hr/>	
19,927	

LAID IN 1902.

3,893 feet	6 wire cable
9,498 feet	3 wire cable
5,295 feet	2 wire cable
<hr/>	
18,686	
<hr/>	
Total,	54,790

PROTECTIVE DEPARTMENT.

The members of this department have been prompt in responding to all alarms, and under the superintendence of its president, Mr. Charles S. Kelley, and his board of directors have rendered efficient service.

I would recommend that an additional supply of rubber covers be furnished them the coming year.

RECEIPTS AND EXPENDITURES.

General appropriation	\$78,000.00
Special	5,500.00
Receipts	723.50
Expenditures	\$84,026.45
Transferred to unappropriated funds	197.05
	\$84,223.50

STATEMENT OF EXPENDITURES.

Salaries and pay rolls	\$64,861.24
Shoeing and blacksmithing	2,325.01
Hay and straw	2,883.14
Grain	2,473.22
Supplies	1,346.88
Lights	662.96
Wood and coal	930.18
Rents	124.00
Telephones	460.37
Fire alarm supplies	1,318.42
Underground wires	222.86
Engine and wagon repairs	267.86
Repairs of buildings	1,211.56
Horses	1,735.00
Horse hire	132.00
Printing and incidentals	649.05
Harnesses and repairs	495.25
House furnishings	199.21
Hose	1,733.24
	\$84,026.45

CONCLUSION.

To His Honor the Mayor, and gentlemen of the City Council, for the interest taken in this department; to the Board of Engineers, for their hearty support, and to the officers and members of the Fire and Police Departments for the faithful manner in which they have performed all their duties, I return most sincere thanks.

FREDERICK MACY,

Chief of Fire Department.

**ONWARD STEAM FIRE ENGINE COMPANY,
No. 1.**

House on Purchase street, foot of Franklin street. Engine built by LaFrance Engine Co., Elmira, N. Y.; capacity 500 gallons per minute; weight of engine as drawn to fires 6,950 pounds; put into service Aug., 1896. Present company organized December 30, 1871.

Date of Joining	No. of Badge	Name.	Rank.	Age	Residence.	Occupation.
April 24, 1896	10	James L. Haskins	Captain	37	Engine House	Fireman
July 28, 1890	16	Charles H. Thomas	1st Lieut.	45	87 Locust st.	Roll coverer.
July 30, 1894	13	Herbert C. Gifford	2nd Lieut	30	75 Maxfield st.	City fireman
Jan. 28, 1873	7	Julian A. Sweet	Clerk	54	184 State st.	Roll coverer
May 7, 1893	11	Fred. W. Brightman	Horseman	44	183 Kempton st	Paint maker
Dec. 29, 1884	19	John Whitehead	"	57	565 Purchase st	Cotton works
July 31, 1893	18	John Woolfenden	"	40	71 Dean st.	Jeweler
Mar. 25, 1895	6	L. T. Woolfenden	"	29	70 Linden st.	Shoe dealer
Mar. 30, 1896	17	Thomas Walmsley	"	33	1 Ashland st.	Grocer
April 30, 1900	9	John F. Winn	"	27	24 High st.	Expressman
April 5, 1887	8	Edward L. Wilson	"	38	10 Myrtle st.	Painter
Feb. 26, 1900	15	George Palmer	"	35	34 Robeson st.	Machinist
Nov. 25, 1901	12	Albert Woolfenden	Substitute	24	97 Maxfield st.	Glass cutter
July 28, 1902	14	William F. Thomas	"	35	14 Robeson st.	Roll coverer
June 9, 1894	20	John H. Backus	Engineer	50	Engine House	Engineer
June 9, 1894	21	Edward F. A. Cowen	Driver	52	"	Driver
Dec. 1, 1894	23	William H. Young	"	40	"	Driver
	22	Joseph L. Crowley	Stoker	80	253 Chestnut st	Machinist

FIRE DEPARTMENT.

**PROGRESS STEAM FIRE ENGINE COMPANY,
No. 2.**

House, corner Purchase street and Mechanics lane. Engine built by the Manchester Locomotive Works, Manchester, N. H.; capacity 500 gallons per minute; weight of engine as drawn to fires, 7,000 pounds; put into commission November 6, 1884. Company organized October 27, 1860.

Date of Joining.	No of Badge	Name.	Rank.	Age	Residence.	Occupation.
Sept. 7, 1874	32	Charles F. Dean	Capt.	46	59 Elm st.	Carriage Painter
Jan. 12, 1892	30	George W. Haskins	Lieut.	33	527 Purchase st	Carpenter
July 1, 1896	35	Wm. L. Durfee	"	29	144 Mill st.	Driver
April 22, 1896	37	Chas. E. Robertson	Clerk	27	238 Pleasant st.	Driver
Nov. 1, 1862	25	John Downey	Hoseman	63	119 No. 2nd st	Driver
July 8, 1876	34	Moses Deane	"	48	202 Purchase st	Blacksmith
Nov. 7, 1898	36	Timothy S. Downey	"	24	119 No. 2nd st.	Clerk
Jan. 12, 1892	28	Henry A. Sherman	"	48	327 County st.	Blacksmith
July 2, 1894	31	John H. Dollard	"	47	West Elm st.	Marble cutter
April 22, 1896	33	Chas. P. Johnson	"	44	154 No. 2nd st.	Mechanic
Aug. 1, 1898	26	Alfred R. Morse	"	30	19 Mill st.	Driver
June 4, 1900	27	Richard F. Burke	"	33	399 West Middle st.	Latup fixer
April 1, 1901	24	Joseph S. Manning	Substitute	22	213 Court st.	Salesman
Feb. 3, 1902	29	Chas. H. Lawrence	"	22	189 Kempton st	"
Aug. 23, 1898	38	Benj. C. Groves	Engineer	46	Engine house	Engineer
Feb. 2, 1902	40	Oscar S. Hamond	Stoker	33	70 North st.	Carpenter
June 25, 1893	39	Chas. W. Allen	R'g. driver	46	Engine house	Driver
June 28, 1898	DD	Chas. A. Haskins	W. driver	39	" "	Driver

**CORNELIUS HOWLAND STEAM FIRE ENGINE
COMPANY No. 4.**

House, corner Sixth and Bedford streets. Engine built by the Manchester Locomotive Works, Manchester, N. H.; capacity 500 gallons per minute; weight of engine as drawn to fires, 7,000 pounds; put into service May 20, 1864. Company organized Feb. 1, 1867.

Date of Joining	No. of Badge	Name.	Rank.	Age	Residence.	Occupation.
Aug. 29, 1871	44	Chas. S. Wing	Captain	48	279 Acush't ave	Permanent
Jan. 13, 1896	52	Arthur C. Smith	1st Lieu.	26	78 S. Sixth st.	Electrician
July 25, 1898	47	Fred L. Jason	2d. Lieu.	24	111 S. Seventh street	Carpenter
Nov. 28, 1898	48	Geo. A. Lowell	Clerk	30	64 Forest st.	Trimmer
Feb. 16, 1888	49	Frank C. Jennings	Hoseman	36	19 Allen st.	Clerk
Nov. 10, 1879	53	Benjamin F. Hinckley	"	45	173 Fourth st.	Printer
Dec. 30, 1896	51	John E. Joseph	"	33	97 So. Sixth st.	Clerk
May 26, 1888	46	Walter F. Brownell	"	32	73 Dartm'th st.	"
May 28, 1894	45	Louis A. Vierich	"	31	Cor. Fifth and Grinnell	Machinist
Jan. 5, 1894	50	Henry LaRocque	"	32	86 So. Sixth st.	"
July 2, 1894	48	Harry B. Jennings	"	28	358 Reed st.	Clerk
Jan. 28, 1901	42	James T. Wing	"	23	279 Acush. ave.	"
April 29, 1901	54	Chas. A. Baker	Substitute	40	84 So. Sixth st.	Machinist
April 29, 1901	55	Edward L. Moriarity	"	21	174 Fourth st.	Clerk
Aug. 28, 1878	56	Alonso V. Jason	Engineer	47	111 So. 7th st.	Engineer
Jan. 29, 1867	57	Geo. H. W. Tripp	Driver	65	57 Bedford st.	Driver
April 1, 1899	59	William C. Kennedy	Driver	37	144 Bedford st.	"
Mar. 25, 1890	58	Leander Reed	Stoker	53	8 Bay st.	Clerk

ZACHARIAH HILLMAN STEAM FIRE ENGINE COMPANY, No. 5.

House, corner County and Hillman streets. Engine built by La France Steam Fire Engine Co., Elmira, N. Y.; capacity 500 gallons per minute; weight of engine as drawn to fires, 7,300 pounds; put into service March 10, 1894. Company organized December 13, 1873.

Date of Joining.	No. of Badge.	Name.	Rank.	Age	Residence.	Occupation.
Dec. 31, 1888	70	Thomas H. Forbes	Captain	41	130 Summer st.	Permanent Fireman
Feb. 9, 1891	60	George E. Macomber	1st Lieut.	50	167 Mill st.	Merchant
July 31, 1899	64	Samuel E. Gabriel	2nd "	40	1 Willis court	Laundryman
Oct. 1, 1885	63	Joseph C. Forbes	Clerk	36	299 Chan'ry st.	Clerk
Sept. 30, 1890	68	Thomas N. Meyers	Hoseman	40	48 Smith st.	Frame Mak'r
Sept. 30, 1889	71	Obed S. Cowing	"	39	278 Mill st.	Carpet Upholsterer
Feb. 1, 1893	61	Frank B. Chadwick	"	30	367 Kemp'n st.	Inspector
Jan. 26, 1893	69	John F. Gifford	"	47	226 Mill st.	Foreman
Dec. 31, 1894	66	Chas. H. Bowman	"	37	446 Acush. ave.	Roll Coverer
Oct. 1, 1894	65	William L. Davis	"	40	106 Chestn't st.	Painter
April 29, 1895	72	Louis H. Almy	"	30	8 Keene st.	Printer
Dec. 28, 1891	73	Ernest L. Soule	"	40	15 Keene st.	Wood Wo'k'r
April 27, 1896	67	Edward N. Bennett	Substitute	42	48 Sycamore st.	Clerk
Sept. 25, 1899	62	Geo. H. Comstock, Jr.	"	24	148 Mer'mac st.	Machinist
Jan. 7, 1874	75	Benj. F. King, Jr.	Engine Driver	64	Smith and Cottage sts.	Engine Driver
Dec. 13, 1873	74	Martin Blanchard	Engineer	58	39 Smith st.	Engine Engineer
May 1, 1882	76	Chas. W. Jones	Stoker	46	373 Cottage st.	Wood Wo'k'r
Jan. 28, 1893	77	Martin S. Nelson	Wagon Driver	45	Engine House	Wagon Driver

**FREDERICK MACY STEAM FIRE ENGINE
COMPANY, No. 6.**

House, on Fourth street, head of Potomska street. Engine built by Manchester Locomotive Works, Manchester, N. H.; capacity, 500 gallons per minute; weight of engine as drawn to fires, 7,100 pounds; put into service November 1, 1882. Company organized October 31, 1882.

Date of Joining.	No. of Badge	Name.	Rank.	Age	Residence.	Occupation.
Oct. 26, 1886	180	Edward W. O'Neil	Captain	42	276 Fourth st.	Glasscutter
Jan. 1, 1886	124	George H. Whalen	1st Lieut.	30	9 Warwick st.	Soldierer
Sept. 26, 1886	127	Robert E. Allen	2nd Lieut.	28	191 Washt'n st.	Electrician
June 30, 1891	123	John F. Rogers	Clerk	34	97 Acush. ave.	Undertaker
Oct. 31, 1882	183	Jason L. Ballou	Hoseman	57	85 Crapo st.	Carpenter
Oct. 31, 1882	125	Marshall S. Greene	"	48	288 Rivet st.	Mason
Oct. 31, 1882	135	Fred. S. Nelson	"	36	43 Sherman st.	"
Mar. 27, 1883	128	Joseph Jackson	"	47	1 Bedford st.	Barber
May 31, 1882	188	Michael Stapleton	"	42	168 Cove st.	Clerk
June 26, 1894	126	James Rock, Jr.	"	28	748 Water st.	Clerk
Aug. 8, 1886	187	Fred. C. Edmondson	"	30	32 Winsor st.	Grinder
April 24, 1886	122	William C. DeMello	"	38	65 Indepen't st.	Laborer
Nov. 28, 1886	181	Michael Quinn	Substitute	38	89 Mosher st.	Clerk
Feb. 26, 1900	191	Joseph P. O'Brien	"	27	116 Rivet st.	Machinist
Oct. 31, 1887	187	John J. Crowley	Engineer	45	104 Potom'a st.	Engineer
May 1, 1886	142	John J. Meaney	Stoker of engine	38	25 Crapo st.	Carpenter
Oct. 31, 1882	184	Frank A. C. Greene	Driver of Hose Wa'n	36	87 Acush. ave.	Driver
Oct. 31, 1882	136	N. Herbert Greene	Driver	45	59 Bedford st.	"

FIRE DEPARTMENT.

STEAM FIRE ENGINE COMPANY, No. 7.

House, on Durfee street. Engine built by Manchester Locomotive Works, Manchester N. H.; capacity, 500 gallons per minute; weight of engine as drawn to fires, 7,000 pounds; put into service, Sept. 1, 1890. Company organized Sept. 1, 1890.

Date of Joining.	No. of Badge.	Name.	Rank	Age	Residence.	Occupation.
Sept. 1, 1890	205	Maurice C. Dahill	Captain	43	28 Richm'd st.	Fireman
" 1, 1890	204	Edward H. Booth	Lieut.	52	1 Vine st.	Machinist
" 1, 1890	206	John H. Ryan	"	44	563 Cottage st.	Plumber
Jan. 3, 1893	195	John N. O'Brien	Clerk	40	103 Robeson st.	Merchant
Sept. 1, 1890	200	John D. Manseau	Hoseman	37	30 Durfee st.	Salesman
" 1, 1890	207	Charles A. Galligan	"	37	762 County st.	Merchant
" 1, 1890	211	Geo. A. Bosworth	"	39	20 Richm'd st.	Contractor
Dec. 11, 1890	203	Crawford L. Dunham	"	36	131 Mer'm'c st.	Plumber
June 1, 1894	212	Thomas C. Lowe	"	56	Shawmut ave.	"
Sept. 1, 1890	210	James M. Whittaker	"	37	342 Cedar st.	Laundryman
Dec. 2, 1894	196	Wm. Simister	"	36	91 Robeson st.	Grocer
March 1, 1901	197	Ambrose F. Merchant	"	30	Shawmut ave.	Glasscutter
" 1, 1901	198	Henry Leeming	Substitute	32	2 Durfee st.	Laborer
July 2, 1901	208	John Andrews	"	33	4 Durfee st.	Carpenter
Sept. 1, 1890	199	Andrew Tripp	Stoker	50	45 Durfee st.	Shoemaker
" 1, 1890	200	James R. Goddard	Engineer	44	695 Cottage st.	Engineer
" 1, 1890	201	Wm. H. H. S. King	Driver	32	2 Durfee st.	Driver
" 1, 1890	202	Edw. H. Coggeshall	"	34	8 Collins st.	"

STEAM FIRE ENGINE COMPANY, No. 8.

House Acushnet avenue and Davis street. Engine built by La France Steam Fire Engine Co., Elmira, N. Y.; capacity 500 gallons per minute; put into service December 1, 1894. Company organized December 1, 1894.

Date of Joining.	No of Badge.	Name.	Rank.	Age.	Residence.	Occupation.
April 6, 1897	238	Geo. H. Cook	Captain	38	1604 Acush. av.	Fireman
Jan. 12, 1896	252	John H. Hilton	1st Lieut.	39	1289 " "	Mill Hand
Dec. 1, 1894	246	Rob. C. McWhinnie	2nd "	41	61 Church st.	"
" 1, 1894	245	Thos. S. Riley	Clerk	34	527 Cottage st.	Agent
" 1, 1894	244	Michael McDonald	Hose	35	334 Cedar st.	Merchant
" 1, 1894	241	James Slater	"	51	445 Cottage st.	"
" 1, 1894	247	Ed. L. Hughes	"	32	192 Phillips av.	Laborer
" 1, 1894	248	Nicholas Whalon	"	36	10 Robeson st.	Merchant
" 1, 1894	251	Dan S. Connisdine	"	38	177 Davis st.	"
May 1, 1896	243	John H. Finnell	"	35	1642 Acush. av.	Clerk
" 1, 1896	254	John S. Francis	"	32	190 Coffin ave.	Mill Hand
" 28, 1897	258	Wm. McCann	"	42	200 N. Front st.	Merchant
Jan. 6, 1908	242	Fred. C. Dunham	Substitute	37	82 Dean st.	Burnisher
" 7, 1902	249	Tim J. O'Brien	"	38	230 Davis st.	Merchant
May 5, 1901	239	Horace S. Bennett	Driver	33	101 " "	Fireman
Dec. 1, 1894	250	Antonio M. Lemos	"	38	187 " "	"
" 1, 1894	250	Wm. R. Moore	Engineer	39	1787 Acush. av.	Engineer
" 1, 1894	240	John Watkinson	Stoker	37	441 Pleasant st.	Fireman

HANCOCK ENGINE COMPANY, No. 9.

House, located at Acushnet. Engine built by John Agnew of Philadelphia in 1843. Engine removed to Acushnet January 18, 1861, and a company was organized to man her at that time. Company reorganized December 14, 1878.

Date of Joining.	No. of Badge.	Name.	Rank.	Age.	Residence.	Occupation.
Nov. 28, 1865	147	Francis P. Washburn	Captain	59	Acushnet ave	Carpenter
Dec. 14, 1878	160	Herbert M. Spooner	1st Lieut.	44	River st.	Boxmaker
Sept. 3, 1888	151	John G. Whalon	2nd Lieut	40	Acushnet ave.	"
Feb. 28, 1870	146	John A. Russell	Clerk	52	" "	Farmer
Nov. 20, 1874	158	Lemuel A. Washburn	Suct'n hose	64	" "	Teamer
Dec. 4, 1882	164	George W. Hawes	" "	50	" "	"
Feb. 4, 1889	161	William P. Reed	" "	51	Hawes Lane	"
May 3, 1886	155	George H. Gifford	Lead'g "	31	Acushnet ave.	Carpenter
Aug. 26, 1885	150	Allen G. Briggs	" "	37	" "	Blacksmith
May 31, 1892	157	Walter H. Darling	Steward	37	Main st.	Boxmaker
Dec. 14, 1878	152	James A. Wilber	Brakeman	57	Mill road	Laborer
" 27, 1897	166	Frank L. Reed	"	27	Acushnet ave.	Carpenter
" 6, 1886	145	John F. Parker	"	38	Main st.	Painter
May 30, 1870	148	Andrew B. Grinnell, jr.	"	63	Acushnet ave.	Clerk
Dec. 14, 1878	165	Allen Russell, jr.	"	45	" "	Farmer
Sept. 25, 1888	162	Frederick W. Bowles	"	37	" "	Sawer
" 16, 1895	154	Edwin F. Davis	"	36	Tarkiln hill rd.	Laborer
" 24, 1900	150	Frank E. Washburn	"	25	Acushnet ave.	Carpenter
Nov. 26, 1900	149	Clifford E. Reed	"	20	Hawes Lane	Laborer
Dec. 31, 1900	163	Floyd E. Darling	"	22	Acushnet ave.	Grocer
May 26, 1902	156	James H. Griffin	"	21	Mill road	Boxmaker
" 26, 1902	153	Willard B. Bennett	"	44	Acushnet ave.	Blacksmith
Nov. 25, 1901		Walter H. Hawes	Substitute	21	" "	Glass cutter
Oct. 28, 1901		Avery O. Parker	"	31	Tarkiln hill rd.	Carpenter

HOOK AND LADDER COMPANY, No 1.

House, corner Purchase street and Mechanics lane. Carriage built by La France Steam Fire Engine Co., Elmira, N. Y.; put into commission April 29, 1895.

Date of Joining	No. of Badge.	Name.	Rank.	Age.	Residence.	Occupation.
June 24, 1883	106	Edward D. Francis	Captain	47	86 Kempton st.	Shoemaker
Feb. 1, 1897	89	David A. Cobb	1st Lieut.	34	West Rim st.	Painter
April 26, 1896	88	Harry F. Chase	2nd "	30	84 Bedford st.	Teamster
Mar. 27, 1899	100	William C. Coon	Clerk	37	69 Foster st.	Painter
Jan. 31, 1870	87	Lysander W. Davis	Ladderm'n	67	106 Chestnut st.	Carpenter
June 24, 1889	104	William L. Fletcher	"	37	223 North st.	Grinder
Nov. 29, 1886	108	Alfred M. Gifford	"	39	148 Maxfield st.	Teamster
Aug. 26, 1885	102	Charles J. Johnson	"	70	544 Cottage st.	Sparmaker
Jan. 1, 1886	98	Edward C. Negus, Jr.	"	30	72 Walden st.	Clerk
Jan. 5, 1884	101	Frank Spooner	"	47	West North st.	Painter
Aug. 7, 1883	86	Philip M. Tripp	"	64	173 Arnold st.	Teamster
April 26, 1897	106	William F. Wilcox	"	47	Bancroft house	Hostler
Jan. 1, 1900	107	Edward F. Magrath	Substitute	43	15 Spruce st.	Shoemaker
Feb. 1, 1900	81	George A. Babcock	"	30	66 Mechanics lane	Teamster
Feb. 13, 1896	97	Isaac R. Allen	Driver	43	120 High st.	Hostler
Sept. 11, 1900	92	Frederick E. Ricketson	Tillerman	28	139 Purchase st.	

HOOK AND LADDER COMPANY, No. 2.

House, on Weld street. Carriage built by La France Steam Fire Engine Co., Elmira, N. Y.; put into commission August 30, 1888. Present company organized September, 1888.

Date of Joining.	No. of Badge	Name.	Rank.	Age	Residence.	Occupation.
Sept. 1, 1888	175	Martin H. Sullivan	Captain	44	78 North st.	Contractor
" 8, 1888	176	Edward M. Murphy	1st Lieu.	37	Richmond st.	Clerk
" 1, 1882	174	Charles H. McCarty	2d. Lieu.	31	Clark & State	Driver
" 1, 1888	180	Peter F. Sullivan	Clerk	42	328 Cedar st.	Clerk
" 1, 1888	177	John S. Harrington	Ladderm'n	43	Weld & Pleas't	Grocer
" 1, 1888	178	David Warren	"	45	293 State st.	Stable keeper
May 1, 1890	184	Frank R. Pease	"	44	923 Acush. ave.	Druggist
Mar. 1, 1882	173	William Sellecks	"	38	186 No. Front	Teamster
Dec. 18, 1894	181	John T. Conway	"	27	186 " "	Plumber
June 1, 1897	179	Michael J. Sullivan	"	43	190 Merrimac	Carpenter
Oct. 1, 1895	183	John E. Murphy	"	31	208 Ced'r Gro'e	Clerk
May 1, 1896	172	James H. Mahoney	"	26	Clark & Mt. Pleasant	Plumber
Sept. 1, 1898	182	Mark E. Sullivan	Substitute	28	Cottage & Merrimac	Contractor
Dec. 18, 1898	171	John H. Galligan	"	33	62 Durfee st.	Clerk
Oct. 9, 1894	108	Geo. H. Nickerson	Driver	34	24 Weld st.	Driver
Sept. 15, 1895	215	Jeremiah T. Haggerty	Tillerman	33	219 Bowditch	Tillerman

HOOK AND LADDER COMPANY, No. 3

House, on Fourth street, head of Potomska. Carriage built by La France Steam Fire Engine Co., Elmira, N. Y.; put into commission November 1, 1891. Company organized November 1, 1891.

Date of Joining	No. of Badge.	Name.	Rank.	Age.	Residence.	Occupation.
May 1, 1890	220	John W. Donaghly	Captain	36	Engine house No. 6	Capt.
Nov. 1, 1891	218	John O'Neil	Lieut.	37	276 Fourth st.	Glass cutter
Feb. 7, 1898	223	Henry M. Whelan	"	25	216 County st	Mason
Aug. 2, 1897	226	Edward M. Slocum	Clerk	31	18 Sherman st.	Civil engin'r
Nov. 1, 1891	219	Dan'l E. Nelson	Ladderm'n	38	814 S. Sec'nd st.	Mason
" 1, 1891	222	Henry R. Lindsey	"	40	211 County st.	Carpenter
" 1, 1891	221	Henry E. Chase	"	37	177 Grinnell st.	Machinist
Feb. 2, 1892	225	Stephen J. Cassidy, Jr.	"	37	25 Welcome st.	Painter
Jan. 7, 1895	217	Nelson L. Pike	"	37	Rural cemete'y	Sexton
July 8, 1897	224	Frank X. Lavoie	"	42	29 Rockland st.	Painter
April 5, 1897	227	Wm. H. Greene	"	25	186 County st.	Clerk
June 5, 1899	224	Owen J. Dowd	"	34	704 So First st.	Barber
Oct. 1, 1890	229	Geo. Savoie	Substitute	32	89 Indepen't st.	Painter
" 1, 1902	230	Frank T. Cooke	"	25	125 Poto'ska st.	Baker
Dec. 10, 1901	282	Chas. E. Greene	Driver	28	Engine house No. 8	Driver
April 1, 1897	281	Geo. H. Baylies	Tillerman	31	Engine house No. 6	Tillerman

CHEMICAL ENGINE COMPANY, No. 1.

House, corner Purchase street and Mechanics lane. Wagon built by Charles F. Halloway, Baltimore, Md.; put into commission July 1, 1895. Company organized December 31, 1871.

Date of Joining.	No. of Badge.	Name.	Rank.	Age.	Residence,	Occupation.
May 19, 1896	80	David W. Howland	Captain	66	219 Kempt'n st.	Blacksmith
" 19, 1896	81	John B. Oliver	Clerk	38	287 Cottage st.	"
" 19, 1896	88	John C. Thompson	Hoseman	42	168 Middle st.	Painter
" 19, 1896	82	Charles E. Thomas	"	49	286 Kempt'n st.	Carpenter
" 19, 1896	84	Frederick E. Mosher	Hostler	41	84 School st.	Hostler

HOSE COMPANY, No. 2.

House, corner Weld and Bowditch streets. Wagon built by Brownell, Ashley & Co., New Bedford; put into commission, December 1, 1888. Company organized December 3, 1888.

Date of Joining.	No. of Badge.	Name.	Rank.	Age.	Residence.	Occupation.
Dec. 3, 1888	17	Reuben Taber	Captain	46	Engine house	Perma't man
" 3, 1888	186	Stephen L. Finnell	1st Lieut.	43	17 Reynold st.	Salesman
" 3, 1888	187	Bart P. Fury	2nd Lieut.	40	117 Pleasant st.	"
Nov. 3, 1887	192	Michael E. Daley	Clerk	34	141 Davis st.	Carpenter
Aug. 1, 1888	189	John H. Watson	Hoseman	45	32 Ashland st.	Merchant
April 2, 1885	190	William Moore	"	27	94 Austin st.	Teamer
Sept. 1, 1901	197	Hyman Mechaber	"	28	83 Kenyon st.	Merchant
May 5, 1902	188	James E. McCarty	Substitute	26	Clark st.	Clerk
Dec. 12, 1888	191	Arthur R. McDonald	Driver	31	Engine house	Driver

NEW BEDFORD PROTECTING SOCIETY.

President, Charles S. Kelley ; 1st Director, William A. Robinson ; 2nd Director, Charles H. Lawton ; 3rd Director, Edward T. Pierce ; 4th Director, Charles M. Haskell ; 5th Director, Edmund F. Maxfield ; 6th Director, Edmund Wood ; 7th Director, John H. Lowe ; 8th Director, Alfred Thornton ; Secretary and Treasurer, Edmond L. Wilde.

Thos. B. Akin	Edgar R. Lewis
George H. H. Allen	William J. Lewis
James H. Bamford	Philander F. Manchester
William Bamford	Frederick B. Macy
Lewis E. Bently	J. Roland Macy
George W. Bennett	George I. Macy
Simpson J. Blossom	Willard Nye, Jr.
Joseph L. Boucher	Otis N. Pierce
Standish Bourne	Samuel H. Perry
J. H. Cox, Jr.	Edward F. Penney
R. C. P. Coggeshall	William H. Pitman
Henry C. Denison	Charles L. Paine
Ernest A. Dunham	David. L. Parker
Fred C. Dunham	Stephen D. Pierce
Joseph Dias	George A. Phillips
John Eldridge, Jr.	Morgan Rotch
James P. Francis	Arthur E. Robbins
Edward R. Gardner	Louis H. Richardson
Frank H. Gifford	Gardner T. Sanford
Charles H. Gifford	Alex T. Smith
Thos. J. Gifford	Robert Snow
Fredrick C. Graves	Daniel J. Sullivan
A. W. Hadley	Frederic Taber
Fred V. Hadley	William T. Taylor
John J. Howland	F. E. Thilo
Edgar B. Hammond.	Alfred G. Wilbor
Henry F. Hammond	Albert F. Wilde
H. S. Hutchinson	Horace Wood
Jas. L. Humphrey, Jr.	Frederic A. Washburn
Charles S. Kelley, Jr.	Thomas F. Wood
Thomas H. Knowles	William R. West
G. D. Kingman	Mark T. Vincent

Corrected to January 1, 1903.

EDMOND L. WILDE
Secretary.

Fire Alarms, Losses and Insurance for 1902.

The losses by fire for the year ending Dec. 31, 1902, was on buildings, \$19,843.65. Insurance on buildings, \$105,980. On contents, \$53,693.18. Insurance on contents, \$96,735. Total loss \$53,-536.83. Total insurance, \$202,705. Number of bell alarms, 101. Number of still and telephone alarms, 134. Total 235.

Jan. 1, 1.15 P. M. (Still.) Chimney fire in house 297 Acushnet ave., owned by S. Richmond, and occupied by Mrs. Palmer and others. Responded to by Chemical 1. No loss.

Jan. 2, 12.08 P. M. (Still.) Chimney fire, house Morgan Terrace, owned by R. H. Morgan, and occupied by Mrs. Clement D. Nye. Responded to by men from Station No. 4. No loss.

Jan. 4, 6.15 A. M. Box 81. Fire in brick shed on South Orchard st., owned by N. E. Cotton Yarn Co., and occupied by Howland mills. Cause unknown. Responded to by Engines 2, 4, 5, and 6, Ladders 1 and 8, Chemical 1. Loss on contents, \$312.38. Insurance, Blanket policy.

Jan. 6, 6.40 A. M. (Still.) Fire in house 99 Bellville road, owned by Martin Bartley, and occupied by Felix Blanchard, cause, matches and clothing in closet. Responded to by men from Station 8. Loss on building, \$70. Insurance, \$700.

Jan. 7, 8.49 P. M. Box 58. Chimney fire house 291 So. First st., owned by Potomska Mills Corp., and occupied by mill employees. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

Jan. 7, 11.20 P. M. (Still.) Chimney fire, house 320 So. Water st., owned by Joseph Casto, and occupied by John J. Monteiro. Responded to by men from station 4. No loss.

Jan. 8, 5.31 A. M. Fire in stable, Rodman st., east of Water st., owned and occupied by Charles O. Brightman. Cause, caught from

stove. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. Loss on building, \$15. Insurance \$900. Loss on contents, \$180.17 Insurance, \$600.

Jan. 13, 4.50 P. M. (Still.) Fire in house cor. Walnut and Fifth sts., owned by A. W. Hayes, and occupied by Dr. C. F. Connor. Cause, spark on longue. Responded to by Chemical 1. Loss on building, \$25.84. Insurance, \$2,500. Loss on contents, \$70. Insurance \$2,000.

Jan. 13, 3.45 P. M. (Still.) Fire in brick block cor. Purchase and Hazzard sts., owned by Wamsutta Mills, and occupied by North End Guild. Cause, overheated chimney. Responded to by men from Station 1. No loss.

Jan. 14, 10.15 A. M. Box 34. Fire in store 67 Union st., owned and occupied by S. C. Lowe. Cause, boy set fire to oakum. Responded to by Engines 2 and 4, Ladder 1, Chemical 1. Loss on building, \$26. Insurance, \$2,400. Loss on contents, \$44.60. Insurance, \$6,000.

Jan. 14, 8.55 P. M. (Still.) Fire in house on Ashland st., owned by Calix Fountain, and unoccupied. Caused by drying plastering. Responded to by men from Station 7. No loss.

Jan. 16, 5.28 P. M. Box 48. Fire in house 680 So. Water st., owned by Jos. J. Simmons. Caused by lights on altar. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

Jan. 17, 8.25, P. M. (Still.) Chimney fire house 167 Cedar Grove st., owned by Peter Downey, and occupied by Henry Plante. Responded to by men from Station 8. No loss.

Jan. 20, 7.30 A. M. (Still.) Chimney fire house 47 Walnut st., owned and occupied by S. P. Richmond. Responded to by men from Station 4. No loss.

Jan. 21, 2.50 P. M. (Still.) False alarm house 646 Acushnet ave. Responded to by men from Station 1.

Jan. 25, 7.45 P. M. Box 6. False alarm. Responded to by Engines 1 and 7, Ladder 2, Hose 2, Chemical 1.

Jan. 26, 7.55 P. M. (Still.) House on Plainville Road, owned and occupied by John Paul. Responded to by men from Station 7. Loss \$875. Insurance, \$900.

Jan. 26, 10.34 P. M. Box 35. Fire in house 66 Fourth st., owned by Mrs. H. A. Holcombe, and occupied by H. A. Holcombe. Cause, lamp overturned. Responded to by Engines 2 and 4, Ladder 1, Chemical 1. No loss.

Jan 27, 9.45 A. M. (Still.) Chimney fire house 18 Seventh st., owned and occupied by Walter S. Thornton. Responded to by men from Station 4. No loss.

Jan. 30, 5.55 P. M. (Still.) Chimney fire house 137 Hawthorn st., owned and occupied by Walter Clifford. Responded to by men from Station 4. No loss.

Feb. 1, 3.55 P. M. (Still.) False alarm, Cornell Stocking Factory. Responded to by men from Station 7.

Feb. 4, 8.12 A. M. Box 46. Fire in office 2 Leonard st., owned and occupied by City Mission. Cause, gas heater. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, \$65. Insurance, \$1800. Loss on contents, \$48.75. Insurance \$200.

Feb. 4, 5.15 P. M. (Still.) Fire in house 75 High st., owned by A. E. Covell, and occupied by Fredrick Washburn. Caused by hot flat iron. Responded to by Chemical 1. No loss.

Feb. 5, 7.15 P. M. Box 4. False alarm. Responded to by Engines 5 and 7, Ladder 2, Hose 2, Chemical 1.

Feb. 5, 7.22 P. M. Box 128. False alarm. Responded to by Engines 1 and 8, Ladder 1.

Feb. 5, 6.23 P. M. (Still.) Fire in house 365 Cottage st., owned by Thomas Dunham, and occupied by Geo. Wilson. Cause, spark on couch. Responded to by men from Station 5. No loss.

Feb. 6, 12.53 A. M. Box 56. Fire in candy store 807 So. Water st., owned by Patrick Carney, and occupied by W. G. Chagaroolly. Cause, unknown. Responded to by Engines 4, and 6, Ladder 3, Chemical 1. Loss on building, \$150. Insurance, \$700. Loss on contents, \$60. Insurance \$1000.

Feb. 6, 6 P. M. Box 9. False alarm. Responded to by Engines 1, 9 and 8, Ladder 2, Hose 2, Chemical 1.

Feb. 6, 6.15 P. M. Box 9. Fire in barn Wamsutta st., owned and occupied by John Cornell. Cause, unknown. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

Feb. 7, 12.55 P. M. (Still.) Bush fire, Bolton Road, owned by N. E. Cotton Yarn Co. Set by boys. Responded to by men from Station 6. No loss.

Feb. 8, 10 A. M. (Still.) Grass fire south side Orchard st. Set by boys. Responded to by men from Station 4. No loss.

Feb. 8, 9.40 P. M. Box 224. Grass fire Buttonwood Park. Set by boys. Responded to by Engines 5 and 7, Ladder 1, Chemical 1. No loss.

Feb. 9, 4.45 P. M. Box 46. Fire in house 228 So. Water st., owned by C. H. Baldwin, and occupied by Jalmer B. Badbeau. Cause, smoking in bed. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building \$28.55. Insurance, \$800. Loss on contents, \$26. No insurance.

Feb. 10, 9.50 A. M. Box 223. Fire in house No. 11 Jenney st., owned by Joseph E. Gabriel, and occupied by William Church and Joseph Gabriel. Cause, overheated chimney. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. Loss on building \$658.67. Insurance \$1,300. Loss on contents \$1.50. No Insurance.

Feb. 11, 8.15 A. M. (Still.) Fire in house 137 Fourth st., owned and occupied by James E. Dwight. Cause, rags used in wiping stove. Responded to by men from Station 4. No loss.

Feb. 12, 8.12 A. M. Box 124. Fire in house 282 North Front st., owned by Frank H. Cornell, and occupied by Louis Boyer. Cause, children and matches. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

Feb. 12, 5.10 P. M. (Still.) Fire in brick laundry Purchase and Hazzard sts., owned by Wamsutta Mill. Cause, overheated chimney. Responded to by men from Station 1. No loss.

Feb. 14, 7.50 P. M. (Still.) Fire in house 61 Bedford st., owned and occupied by John D. Lawrence. Cause, lamp upset. Responded to by men from Station 4. Loss on building, \$213. Insurance, \$1000. Loss on contents, \$22.50. Insurance \$500.

Feb. 15, 12.15 P. M. (Still.) Grass fire So. Orchard st., set by children. Responded to by men from Station 6.

Feb. 16, 1 P. M. (Still.) Grass fire Taber st., set by boys. Responded to by men from Station 4.

Feb. 16, 2.30 P. M. (Still.) Grass fire Bowditch st., north of Davis st., set by boys. Responded to by men from Station 8.

Feb. 16, 1.50 P. M. Box 125. Fire in smokehouse Bowditch st., owned and occupied by C. McDermot. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

Feb. 16, 12.10 P. M. (Still.) Grass fire Hall st., near Rivet st. Cause, set by children. Responded to by men from Station 6.

Feb. 19, 9.20 P. M. (Still.) False alarm. Responded to by men from Station 6.

Feb. 20, 11.28 P. M. Box 5. Fire in stable 198 Austin st., owned by Bridget McDonnell, and occupied by Peter McDonnell. Cause, incendiary. Responded to by Engines 1 and 7, Ladder 2, Hose 2, Chemical 1. Loss on building, \$750. Insurance, \$200.

Feb. 22, 10.12 P. M. Box 58 Fire in store and tenement 937 So. Water st., owned by A. E. Brunelle, and occupied by Wm. Smith, Jr. Cause, falling lamp. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, \$15. Insurance, \$3,000. Loss on contents, \$8. Insurance, \$2,000.

Feb. 25, 4.45 P. M. (Still.) Fire in brick tenement house No. 3 Hampton ct., owned by Wamsutta Mills. Cause, overheated chimney. Responded to by men from Weld st. Station. No loss.

March 2, 8.55 P. M. (Still,) Chimney fire in house 452 Bellville ave., owned by P. John Ryan, and occupied by Geo. Parent. Responded to by men from Station 8.

March 2, 10.55 A. M. Box 15, Fire in house 124 Campbell st, owned and occupied by Geo. Howland. Cause, rags caught from furnace. Responded to by Engines 5 and 7, Ladder 2, Hose 2, Chemical 1.

March 3, 6.03 A. M. Box 14. Fire in barn 65 State st., owned and occupied by Chas. S. Ashley. Cause, incendiary. Responded to by Engines 1 and 5, Ladder 1, Chemical 1. Loss on building, \$1,350. Insurance, \$2,000. Loss on contents, \$175, Insurance, \$1,100.

March 3, 12.35 P. M. Box 25. Fire in house 312 Kempton st., owned by Wm. Johnson est., and occupied by J. Cosmos and others. Cause, defective chimney. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. Loss on building, \$160. Insurance, \$1,000

March 8, 6.30 P. M. (Still.) Fire in shed rear No. 1 Engine house, owned by City of New Bedford. Responded to by men from Station 1. No loss.

March 8, 7.30 P. M. Box 6. False alarm. Responded to by Engines 1 and 7, Ladder 2, Hose 2, Chemical 1. No loss.

March 11, 12.55 A. M. Box 8. Fire in barn 65 State st., owned and occupied by Chas. S. Ashley. Cause, incendiary. Responded to by Engines 5 and 7, Ladder 2, Hose 2, Chemical 1. No loss.

March 14, 11.50 A. M. Box 135. Fire in house 49 Mitchell st., owned and occupied by Alfred Durant. Cause, children and

matches. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. Loss on building, \$143.13. Insurance, \$2,000.

March 15, 6.15 P. M. (Still.) Fire in foundry North and Water sts., owned and occupied by A. Swift. Cause, sparks from chimney. Responded to by Chemical 1. No loss.

March 17, 12.10 P. M. (Still.) Chimney fire, house 299 Acushnet ave., owned by E. Stetson, and occupied by J. McDonald. Responded to by Chemical 1. No Loss.

March 19, 6.50 P. M. (Still.) Fire in house 192 Grinnell st., owned by Josiah Hunt est., and occupied by Clifton H. Cornish. Cause, spontaneous combustion. Responded to by men from Station 4.

March 26, 11.40 A. M. (Still.) Fire in freighthouse, 5 Pearl st., owned and occupied by N. Y. N. H. and H. R. R. Cause, unknown. Responded to by men from Station 1. No loss.

March 27, 11 A. M. (Still.) Brush fire west side of Church st., north of Nash road, owned by Geo. Boardman. Cause, spark from locomotive. Responded to by men from Station 8. No loss.

March 30, 10.55 P. M. Box 116. Fire in house 488 W. Maxfield st., owned by Annie E. Offley, and occupied by Aron F. Joseph. Cause, lamp overturned. Responded to by Engines 5 and 7, Ladder 1, Chemical 1. Loss on building, \$25. Insurance, \$700. Loss on contents, \$105. Insurance, \$800.

April 8, 2.10 A. M. (Still.) False alarm. Responded to by men from Station 5.

April 8, 11.14 A. M. Box 5, Fire in icehouse, west of Rockdale ave., owned and occupied by Chas. H. Mosher. Cause, unknown. Responded to by Engine 7. Loss on building, \$2,530. Insurance, \$3,000. Loss on contents, \$2,880. Insurance \$3,000.

April 8, 7.50 A. M. Box 21. Fire in lumber shed, 210 No. Water st., owned and occupied by Joseph L. Sherman. Cause, unknown. Responded to by Engines 1, 2 and 5, Ladder 1, Chemical 1. No loss.

April 8, 10.35 P. M. (Still.) Fire in house 355 Union st., owned and occupied by Henry P. Burt. Cause, overheated furnace. Responded to by men from Station 4. No loss.

April 7, 2.05 A. M. Box 18. Fire in house cor. Mill and Purchase sts., owned by Dr. H. H. Webster, and occupied by Mrs. Raymond,

Mrs. Sargent and others. Cause, unknown. Responded to by Engines 1 and 2, Ladder 1, Chemical 1. Loss on building, \$965.92. Insurance, \$5000. Loss on contents, \$1,707.25. Insurance \$4,700.

April 8, 6.20 p. m. (Still.) Chimney fire, house cor. Pleasant and Hazzard sts., owned by Mrs. Collons, and occupied by Mr. Leclair and others. Responded to by men from Station 1. No loss.

April 10, 1 A. m. Fire in barn Willow st., near Cottage st., owned and occupied by E. K. Dollard. Cause, unknown. Responded to by Engines 5 and 7, Ladder 2, Hose 2, Chemical 1. Loss on building, 100. Insurance, 100. Loss on contents, \$50. Insurance, \$125.

April 11, 7.37 p. m. Fire in factory, Myrtle st., owned and occupied by Cornell Stocking Factory. Cause, ringing machine. Responded to by men from Station 7. No loss.

April 11, 11.45 p. m. Fire in factory, Myrtle st., owned and occupied by Cornell Stocking Factory. Responded to by men from Station 7. No loss.

April 11, 11.45 p. m. Box 228. False alarm. Responded to by Engines 2 and 5; Ladder 1, Chemical 1. No loss.

April 13, 11.45 A. m. Grass fire, Allen and Brigham sts., set by boys. Responded to by Chemical 1. No loss.

April 15, 2.15 P. M. Box 9. Freight car, north of Wamsutta st., owned by N. Y., N. H., and H. R. R., and cotton by Wamsutta Mills. Cause, unknown. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1.

April 15, 9.45 A. m. (Still.) Fire in house 272 So. Second st., owned and occupied by Manuel J. Espindola. Cause, chimney. Responded to by men from Station 6. No loss.

April 16, 1.51 p. m. Box 12. Fire in woods N. of Grandfield st. Cause, unknown. Responded to by Engines 1 and 8, Hose 2, Ladder 2, Chemical 1. No loss.

April 16, 6.10 P. M. (Still.) Grass fire, Kempton st. Cause, unknown. Responded to by Chemical 1. No loss.

April 17, 12.35 P. M. Box 57. Fire in house 30 Scot st., owned by Prina Borden, and occupied by Mr. Vanarse. Cause, children and matches. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, \$47. Insurance, \$2,000.

April 17, 4.13 P. M. Box 57. Fire in house 148 Division st., owned by Margret Waldron, and occupied by Mrs. Lena Wilcox. Cause, pot of grease on stove. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

April 17, 3.10 P. M. (Still.) Chimney fire, house 74 Ward st., owned and occupied by Mrs. Giles Sanford. Responded to by men from Station 4. No loss.

April 21, 10.20 A. M. Box 27. Fire in building 17 Pleasant st., owned by F. B. & R. B. Green, and occupied by C. C. Doty, Rotch & Potter, M. H. McIntire. Cause, unknown. Responded to by Engines 4 and 6, Ladder 1 Chemical 1. Loss on building, \$649.10. Insurance, \$10,000 Loss on contents, \$1,685.14. Insurance, \$11,-400.

April 21, 5.40 P. M. Box 184. Fire in house 26 Nye st., owned and occupied by Fred Cardus. Cause, oil stove exploded. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

April 22, 1.30 P. M. (Still.) Chimney fire, house Morgan Terrace, owned by R. H. Morgan, and occupied by Mrs. C. D. Nye. Responded to by men from Station 4. No loss.

April 24, 10.50 A. M. Box 9. Fire in house 672 Acushnet ave., owned by Wm. Smith, and occupied by Wm. Barnes. Cause, kettle of grease on fire. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

April 25, 2.31 P. M. (Still.) Fire in wood house, Tarklin Hill road, owned and occupied by Mrs. Evans. Cause, overheated chimney. Responded to by men from Station 7. No loss.

April 25, 2.10 P. M. (Still.) Fire in ash dump, Penniman st. Responded to by men from Weld St. Station. No loss.

April 26, 12.34 A. M. Box 46. Fire in woodshed, So. side A. W. Holmes' wharf, owned and occupied by A. W. Holmes. Cause, sparks from chimney. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, \$15. Insurance, \$100.

April 25, 8 P. M. (Still.) Fire in house 304 Cedar Grove st., owned and occupied by Frank Kafka. Cause, spark from locomotive. Responded to by men from Weld St. Station. No loss.

April 27, 8.40 A. M. (Still.) Fire in house 119 Chancery st., owned and occupied by W. E. Pierce. Cause, chimney. Responded to by Chemical 1. No loss.

April 28, 7.30 A. M. Box 56. Fire in store and tenement 831 South Water st., owned by Five Cent Savings Bank, and occupied by Philip Leen and others Cause, unknown. Responded to by Engines 4 and 6, Ladder 3. Chemical 1. No loss.

April 30, 8.30 P. M. (Still.) Chimney fire, house 349 Cottage st., owned and occupied by Mrs. Alvin Bourne. Responded to by men from Station 5. No loss.

May 2, 9.10 P. M. Box 97. Fire in office and shed, Coffin ave., owned and occupied by B. F. Smith Co. Cause, overheated stove. Responded to by Engines 1, 5, 7 and 8, Ladder 2, Hose 2, Chemical 1. Loss on building, \$50. Contents, \$150. No insurance.

May 3, 11.50 A. M. (Still.) Fire in dump, Rockland st. Cause, unknown. Responded to by men from Station 6. No loss.

May 8, 2.40 A. M. Fire in house, Morgan and Cedar sts., owned and occupied by H. H. Noonig. Cause, unknown. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. Loss on building, \$1,295. Insurance, \$3,000. Loss on contents, \$1,382.65. Insurance \$2,000.

May 8, 8.05 A. M. Box 75. Fire in factory, Fifth st., owned and occupied by Morse Twist Drill and Machine Co. Cause, overheated smoke stack. Responded to by Engines 2, 4 and 6, Ladder 1 and 3, Chemical 1. No loss.

May 9, 3.40 P. M. (Still.) Fire in dump, Maple and Park sts., set by city men. Responded to by men from Station 4. No loss.

May 9, 5.45 P. M. (Still.) Brush fire, Church st., No. of Nash Road. Cause, spark from locomotive. Responded to by men from Station 8. No loss.

May 10, 7 P. M. (Still.) Fire in bushes, west side Purchase st. Responded to by men from Weld st. Station. No loss.

May 11, 4.40 P. M. (Still.) Fire in house 513 Acushnet ave., owned by Albert Gifford, and unoccupied. Cause, children and matches. Responded to by Chemical 1. No loss.

May 12, 3.40 P. M. (Still.) Brush fire, Bellville ave., set by children. Responded to by men from Station 8. No loss.

May 14, 11.05 A. M. (Still.) Fire in house, Maxfield and Purchase st., owned by N. B. Textile School Corp., and occupied by Thos. Wrigley. Cause, overheated stove. Responded to by Chemical 1. No loss.

FIRE DEPARTMENT.

May 14, 5.20 P. M. (Still.) Fire in house 446 Belleville ave., owned by John Rivard, and occupied by Mary Gurrin. Cause, spontaneous combustion. Responded to by men from Station 8. No loss.

May 16, 10.30 A. M. Box 3. Fire in woods, Tarklin Hill Road. Cause, spark from locomotive. Responded to by Engine 9. No loss.

May 19, 11.10 a. m. (Still.) Chimney fire in house 32 Wing st., owned by Wm. H. Fuller, agt., and occupied by Wm. H. Fuller, Responded to by men from Weld St. Station. No loss.

May 19, 5.20 P. M. Fire in house 54 Ashland st., owned and occupied by Geo. A. Kirby. Cause, chimney. Responded to by men from Station 7. No loss.

May 20, 9.20 A. M. (Still.) Chimney fire in house 75 Durfee st., owned by Francis Crowley, and occupied by Timothy Crowley. Responded to by men from Station 7. No loss.

May 20, 9.30 P. M. (Still.) Chimney fire, house 85 Allen st., owned and occupied by Laura Sabina. Responded to by men from Station 4. No loss.

May 21, 7.31 A. M. Box 135. Fire in house 202 Bellville ave. est. Wm. A Tillinghast, and occupied by Philip Cordoza and others. Cause, unknown. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. Loss on building, \$16.90. Insurance, \$8,500. Loss on contents, \$200. No insurance.

May 22, 5.07 P. M. Box 34. Fire in house 56 So. Water st., owned by Sylvia Ann Howland, est., and occupied by Geo. Bowen, S. H. Satur and others. Cause, unknown. Responded to by Engines 2, and 4, Ladder 1, Chemical 1. Loss on building, \$864.75. Insurance, \$1,000. Loss on contents, \$147.41. Insurance, \$400.

May 28, 11.35 A. M. Box 127. Fire in storehouse 669 Purchase st., owned and occupied by Smith Bros. Cause, overheated chimney. Responded to by Engines 1 and 7, Ladder 2, Hose 2, Chemical 1. No loss.

May 31, 1.45 P. M. Box 17. Fire in electric car, Union Street Railway. Cause, fuse set fire to wood work. Responded to by Engines 1 and 5, Ladder 1, Chemical 1. No loss.

June 5, 2.45 P. M. Box 135. Back draft, house 223 Coggeshall st., owned by Smith Bros., and occupied by J. Sylvia and others. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

June 5, 5.25 P. M. (Still.) Box 23. Fire in barn rear 550 Kemp-ton st., owned by Robert Arnett, and unoccupied. Cause, unknown. Responded to by Engines 2, 5 and 7, Ladder 1, Hose 1. No loss.

June 5, 5.05 P. M. (Still.) Fire in city dump, So. Orchard st., set by boys. Responded to by men from Station 4. No loss.

June 6, 8 A. M. (Still.) Fire in blacksmith shop 183 Pleasant st., owned and occupied by J. Bassett. Cause, spark from chimney. Responded to by Chemical 1.

June 6, 11.13 P. M. Box 97. Cottonhouse, Coffin ave., owned and occupied by Whitman Mills. Cause, spontaneous combustion. Responded to by Engines 1, 5, 7 and 8, Ladders 1 and 2, Hose 2, Chemical 1. Loss on contents, \$86.05. Blanket policy.

June 6, 3.45 P. M. (Still.) Fire in dump heap, foot of Windsor st. Responded to by men from Station 6. No loss.

June 6, 8.50 P. M. (Still.) Same fire. Responded to by men from Station 4. No loss.

June 8, 1.38 A. M. Box 38. Fire in house 90 So. Sixth st., owned by Andrew M. Bush agt., and occupied by Isabella Gracia and Antone Trinity. Cause, defective chimney. Responded to by Engines 4 and 6, Ladder 1, Chemical 1. Loss on building, \$855. Insurance, \$1,000. Loss on contents, \$50. No insurance.

June 8, 10.30 A. M. (Still.) Ruins of previous fire. Responded to by men from Station 4.

June 10, 10.30 A. M. (Still.) Chimney fire in house 33 Reynolds st., owned by Elizabeth Addy, and occupied by Jos. Donnolly. Responded to by men from Station 7. No loss.

June 14, 7 P. M. (Still.) Chimney fire in house 298 Fourth st., owned by Dr. C. F. Lussier. Responded to by men from Station 6. No loss.

June 18, 7.20 P. M. (Still.) Brush fire, Rivet st. and Bolton Road, set by boys. Responded to by men from Station 6. No loss.

June 18, 12.55 P. M. (Still.) Brush fire, Rivet st. and Bolton Road. Cause, set by boys. Responded to by men from Station 6. No loss.

June 18, 12.30 P. M. (Still.) Fire in dump on Grape st. Cause, unknown. Responded to by men from Station 4. No loss.

June 20, 6 A. M. (Still.) Chimney fire in house 7 Franklin st., owned and occupied by Clarence Bearse. Responded to by men from Station 1. No loss.

June 20, 7.36 P. M. Box 52. Fire in store and dwelling 129, 135 Rivet st., owned and occupied by O. E. Brunnelle. Cause, accident in lighting gas. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, \$140. Insurance, \$4,000. Loss on contents, \$725. Insurance, \$3,000.

June 21, 9.20 A. M. (Still.) Fire in house 71 Spruce st., owned and occupied by Jas. McFarliu. Cause, gas set fire to floor timbers. Responded to by men from Station 5. No loss.

June 26, 3.25 P. M. (Still.) Chimney fire in house, Robeson and Cottage sts., owned by Franklin Gay, and occupied by Thomas O'Hara. Responded to by men from Station 7. No loss.

June 27, 8.30 P. M. (Still.) Fire on roof of house 656 Purchase st., owned by J. J. Powers, and occupied by Fred Thorpe. Cause, sky rocket on roof. Responded to by men from Station 1.

July 2, 11.25 P. M. Box 36. Fire in house 229 South Water st., owned by J. J. Powers, agt., and occupied by Joanna C. Pena. Cause, lamp upset. Responded to by Engines 2 and 4, Ladder 1, Chemical 1. No loss.

July 2, 4.28 P. M. Box 58. Fire in out house 530 So. First st., owned by Mrs. Andrew, and occupied by P. Genensky. Cause, set by boys. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

July 4, 9.48 P. M. Box 48. Fire in barn 405 So. First st., owned by J. Frank Paulino, and unoccupied. Cause, fireworks. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

July 4, 8.50 P. M. (Still.) Fire in house 457 Rivet st., owned by Chas. Granger, and occupied by Thos. Borden. Cause, fireworks. Responded to by men from Station 6. No loss.

July 4, 12.30 P. M. (Still.) Awning on fire, store 541 Purchase st., owned by H. P. Jenney, and occupied by J. Koster. Cause, fireworks. Responded to by men from Station 1. No loss.

July 5, 10.45 A. M. Fire in stable, rear 628 Acushnet ave., owned by M. Donovan, and unoccupied. Cause match in rubbish. Responded to by men from Station 1. No loss.

July 5, 12.45 A. M. (Still). Fire in building 564 Purchase street, owned by Thomas Clines and unoccupied. Cause, fireworks. Responded to by men.

July 15, 6.10 A. M. (Still). Fire in house cor. Spring and Seventh streets, owned and occupied by Dr. Clark. Cause, mice and matches. Responded to by Chemical 1. No loss.

July 15, 8.50 P. M. (Still). Fire on electric car on Durfee street, owned by Union Street Railway. Cause, overheated resistance box. Responded to by men from Station 7. No loss.

July 16, 11.51 A. M. Box 57. Fire in house 12 Independent street, owned by Thomas Duffy and occupied by John Cartwell and others. Cause, oil stove. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, \$210. Insurance, \$2,000, Less on contents, \$147.95. Insurance, \$1,400.

July 24, 10.20 A. M. (Still). Fire in dump, Crapo street. Responded to by men from Station 6. No loss.

July 31, 5.45 P.M. (Still). Brush fire, Bolton road. Set by children. Responded to by men from Station 6. No loss.

Aug. 2, 10.40 A. M. (Still) Fire in house 177 Davis street, owned by Michael Considine est. and occupied by Daniel Considine. Cause, overheated stove. Responded to by men from Station 8. No loss.

Aug. 2, 9.45 P. M. Box 34. Fire in paint shop 24 No. Water st., owned by W. S. Thornton, and occupied by Kern & Wright. Cause, spontaneous combustion. Responded to by Engines 2 and 4, Ladder 1, Chemical 1. Loss on building, \$125. Insurance, \$1,200, Loss on contents, \$365.07. Insurance, \$1,000.

Aug. 3, 1.57 P. M. Box 6. Fire in house 15 Hazzard ct, owned by Wamsutta Mills, and occupied by Moses Perault. Cause, children and matches. Responded to by Engines 1 and 7, Ladder 2, Hose 2, Chemical 1. No loss.

Aug. 4, 11.35 A. M. Box 224. Fire in icehouse on Kempton st., owned by F. Wm. Oesting. and occupied by John Manchester. Cause, unknown. Responded to by Engines 2 and 5. Ladder 1, Chemical 1. No loss.

Aug. 8, 4.05 P. M. (Still.) Fire in dump, Crapo st., set by children. Responded to by men from Station 6. No loss.

Aug. 9, 7.30 A. M. (Still.) Fire in stable on Fish Island, owned and occupied by D. Duff & Son. Cause, spark in rubbish. Responded to by Chemical 1. No loss.

Aug. 9, 11.45 P. M. (Still.) Fire on roof of house 8 Morton ct., owned and occupied by Mrs. Ruth Eastwood. Cause, paper balloon. Responded to by men from Station 6. No loss.

Aug. 10, 2.15 P. M. (Still). Fire in house 12 Oneko lane, owned and occupied by Peter Blecha. Cause, spontaneous combustion. Responded to by men from Station 8. No loss.

Aug. 12, 6.52 A. M. Box 185. Fire in house 100 North Front street, owned by Bristol Mfg. Co. and occupied by Antone Frates. Cause, pot of grease in oven. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

Aug. 18, 8.21 A. M. Box 45. Fire in house 8 Bonney street, owned and occupied by Frederick Brightman. Cause, child with matches. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

Aug. 18, 1.30 P. M. (Still). Chimney fire in house 88 South Sixth street, owned by Leonard Jenney est., and occupied by Clarence Mosher. Responded to by men from Station 4. No loss.

Aug. 14, 4 P. M. Box 57. Fire in house 37 Scott street, owned by P. S. Borden and occupied by N. Vanasse. Cause, spark in rags. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

Aug. 18, 12.50 P. M. (Still). Fire in house 137 Acushnet avenue, owned by Charles Cornell and occupied by Sarah Walsh. Cause, unknown. Responded to by men from Station 6. No loss.

Aug. 22, 9.37 A. M. Box 52. Fire in kettle of tar, County street, north of Rivet street. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

Aug. 23, 11.40 P. M. (Still). Chimney fire in house 91 First street, owned by E. C. Palmer and occupied by H. J. Edenborough. Responded to by Chemical 1. No loss.

Aug. 29, 7.40 P. M. (Still). Fire in house 373 South Second street, owned by J. D. Roberts and occupied by Mary Marshall. Cause, lamp exploded. Responded to by men from Station 6. No loss.

Aug. 29, 12.25 P. M. (Still). Brush fire, north side Davis street, east of North Front street. Set by boys. Responded to by men from Station 8. No loss.

Aug. 30, 5.00 A. M. Box 31. Fire in store 10 Purchase street, owned by Imogene W. Eddy, and occupied by J. F. Meguinnis. Cause, hot ashes. Responded to by Engines 2 and 4, Ladder 1, Chemical 1. Loss on building, \$25; no insurance. Loss on contents, \$44.63; insurance, \$35.00.

Aug. 30, 9.45 P. M. (Still). Chimney fire, house 60 Merrimack street, owned by Miss Emma Hall and occupied by Honora Mahoney. Responded to by men from Station 1. No loss.

Sept. 28, 6.57 P. M. Box 135. Fire in house 219 Coggeshall street, owned by James F. and Mary Smith, and occupied by James McIntosh. Cause, match in rubbish. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

Sept. 24, 1.55 P. M. Box 28. Fire in house cor. Union and Ash streets, owned by J. V. Spare and occupied by H. B. DeWolf. Cause, gas stove. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. No loss.

Sept. 27, 6.45 P. M. (Still). Chimney fire, house Sixth and Russell streets, owned by D. J. Sullivan. Responded to by men from Station 4. No loss.

Sept. 28, 12.15 A. M. Box 48. Fire in store and dwelling 639 South Water street, owned by Antone Pomba, and occupied by Theo. Russell. Cause, lamp falling. Responded to by Engines 4 and 6, Ladder 8, Chemical 1. Loss on building, \$18.02; insurance, \$500.

Sept. 28, 1.30 P. M. (Still). Fire in house 48 Washburn street, owned by Mike Maroney and occupied by Pat Sullivan. Cause, oil stove. Responded to by men from Weld Street Station. Loss on contents, \$13.68; insurance, \$700.

Sept. 29, 2.30 P. M. (Still.) Fire in bakery 255 Union st., owned and occupied by S. P. Richmond & Co. Cause, spark from chimney. Responded to by Chemical 1. No loss.

Oct. 4, 8.15 A. M. Box 14. Fire on roof of house 676 Acushnet ave., owned and occupied by John Buckley. Spark from chimney. Responded to by Engines 1 and 5, Ladder 1, Chemical 1. No loss.

Oct. 4, 2.15 P. M. Box 9. Fire in car shed, Wamsutta st. and Acushnet ave., owned and occupied by N. Y., N. H. & H. R. R. Cause, spark on roof. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. No loss.

Oct. 5, 4.45 A. M. Box 46. Fire in butcher's shop, rear 497 So. Water st., owned by Ezekel Howitz, and occupied by Simon Samansky. Cause, overheated stove. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, \$30.35. Insurance, \$2,-000. Loss on contents, \$1.25. Insurance, \$200.

Oct. 8, 9.58 A. M. Box 24. Fire in house 260 Middle st., owned by David Barnes, and unoccupied. Cause, sparks from chimney. Responded to by Engines 2, 5 and 7, Ladder 1, Chemical 1. Loss on building, \$10. No insurance.

Oct. 9, 12.10 P. M. (Still). Chimney fire, house and store 598 Purchase street, owned by I. Therrien and occupied by L. Z. Normandin. Responded to by men from Station 1. No loss.

Oct. 10, 7.30 P. M. (Still). Chimney fire, stable Spring and Second streets, owned and occupied by C. H. Murphy. Responded to by Chemical 1. No loss.

Oct. 13, 3.59 P. M. (Still). Chimney fire, house 452 Belleville avenue, owned by P. John Ryan and occupied by George Barnet and others. Responded to by men from Station 8. No loss.

Oct. 18, 11.37 A. M. Box 223. Fire in house 219 Palmer street, owned and occupied by Frank Bertram. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. No loss.

Oct. 21, 11.30 A. M. Box 25. Fire in barn 209 Middle street, owned and occupied by Herbert L. Weeks. Cause, children and matches. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. Loss on building, \$412.50; insurance, \$700.

Oct. 21, 4.00 P. M. (Still). Chimney fire, house 175 Middle street, owned and occupied by E. J. O'Keefe. Responded to by Chemical 1. Loss on building, \$13.84; insurance, \$3,000.

Oct. 25, 6.57 A. M. Box 124. Fire in store and dwelling 1122 Acushnet avenue, owned by George Boardman and occupied by Mrs. Eliza Bolton. Caused by careless use of matches. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. Loss on contents, \$16.40; insurance, \$500.

Oct. 25, 12.28 A. M. Box 46. Fire in shed foot of Cannon street, owned and occupied by A. W. Holmes. Cause, spark from chimney. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, \$25; insurance, \$80. Loss on contents, \$21.25; insurance, \$100.

Oct. 28, 5.45 P. M. Box 46. Fire in house 327 South Water street, owned by Samuel Genensky and occupied by Joseph Cruz. Cause, child upset lamp. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on contents, \$15; insurance, \$400.

Oct. 30, 1.20 P. M. Box 42. Chimney fire, house 18 Rural street, owned by B. H. Kirby and occupied by F. A. Ryder. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on contents, \$10; insurance, \$1000.

Oct. 31, 11.50 A. M. (Still). Chimney fire, house rear Wall street, owned by Annie Burns and occupied by Margaret Miskelly. Responded to by men from Station 1. No loss.

Oct. 31, 2.20 P. M. (Still). Chimney fire, house 62 Fifth street, owned and occupied by Dr. M. H. Leonard. Responded to by men from Station 4. No loss.

Oct. 31, 7.15 P. M. (Still). Fire in house 20 Second street, owned by C. H. Cook and occupied by B. F. Irish. Cause, oil stove. Responded to by Chemical 1. No loss.

Nov. 9, 12.08 P. M. (Still.) Fire in house cor. Pleasant and Union sts., owned by est. J. D. Thompson, and occupied by R. D. Cass and others. Cause, spark in excelsior. Responded to by Chemical 1. No loss.

Nov. 9, 12.10 P. M. Box 81. Same fire. Responded to by Engines 2 and 4, Ladder 1, Chemical 1. No loss.

Nov. 12, 5.22 P. M. Box 36. Fire in house 47 First st., owned by Mrs. Hetty Green, and occupied by Annie Gomes. Cause, overturned lamp. Responded to by Engines 2 and 4, Ladder 1, Chemical 1. No loss.

Nov. 17, 5.30 P. M. (Still.) Fire in dump, foot of Washburn st. Responded to by men from Weld St. Station. No loss.

Nov. 18, 3.42 P. M. Box 17. Fire in out building 72 Maxfield st., owned by Lucas est. Cause, children and matches. Responded to by Engines 1 and 5, Ladder 1, Chemical 1. No loss.

FIRE DEPARTMENT.

Nov. 20, 5.30 P. M. (Still.) Chimney fire, house 128 Weld st., owned by Chas. A. Galligan, and occupied by Jos. Gouette. Responded to by men from Weld St. Station. No loss.

Nov. 20, 12.42. P. M. (Still.) Chimney fire, house 7 Spruce st., owned by Isaac Francis, and occupied by Jos. A. Murphy. Responded to by men from Station 5. No loss.

Nov. 21, 12.50 A. M. Box 21. Fire in stave mill, north Water street, owned by Thomas Luce & Son, and unoccupied. Cause, spark from chimney. Responded to by Engines 1, 2 and 5, Ladder 1, Chemical 1. No loss.

Nov. 21, 6.35 P. M. (Still). Fire in freight car. Freight Yard N. Y., N. H. & H. Railroad. Cause, overheated heating apparatus. Responded to by men from Station 1. No loss.

Nov. 22, 10.30 P. M. Box 224. Fire in house 21 Beech street, owned and occupied by John Cameron. Cause, oil heater. Responded to by Engines 5 and 7, Ladder 1, Chemical 1. Loss on building, \$575; insurance, \$1500. Loss on contents, \$874.25; insurance, \$1500.

Nov. 23, 10.35 P. M. (Still). Chimney fire, house 185 Fourth street, owned by est. J. Harvey Sherman and occupied by J. Clifford Sherman. Responded to by men from Station 4. No loss.

Nov. 28, 6.54 P. M. Box 53. Fire in house 39 Independent street, owned and occupied by Damasse Millett. Cause, wood in oven. Responded to by Engines 2 and 4, Ladder 3, Chemical 1. No loss.

Nov. 27, 12.30 P. M. Box 57. Fire in house 71 Mosher st., owned and occupied by Rita M. Sylvia. Cause, pan of grease on stove. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

Nov. 27. 11.25 A. M. (Still.) Fire in tailor shop 327 Acushnet ave., owned by Dr. A. Ricketson, and occupied by J. Morris. Cause, stove pipe fell down. Responded to by Chemical 1. No loss

Nov. 28, 9.05 P. M. (Still.) Fire in house 4 Rockland st., owned by Patrick Winterson, and occupied by J. W. Donaghy. Cause, lace curtain caught from gas jet. Responded to by men from Station 6. No loss.

Nov. 29, 2.15 p. m. Box 135. Fire in house 1093 Acushnet ave., owned by Caleb Slade, and occupied by Frank Corson. Cause, oil stove tipped over. Responded to by Engines 1 and 8, Ladder 2, Chemical 1. Loss on building, \$35.35. Insurance, \$6,000. Loss on contents, \$47. Insurance, \$600.

Nov. 30, 2.20 a. m. Box 224. Same fire. Responded to by Engines 5 and 7, Ladder 1, Chemical 1. Loss on building, \$2,500. Insurance \$2,500. Loss on contents, \$750. Insurance, \$1,000.

Nov. 30, 12 m. (Still.) Fire in icehouse, Cannonville, owned by F. Wm. Oesting, and occupied by John Manchester. Cause, unknown. Responded to by Chemical 1.

Dec. 2, 5.59 p. m. Box 48. Fire in house 277 South Second street, owned by Joseph Freitas and occupied by Joseph Morris. Cause, back draft. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

Dec. 2, 7.30 p. m. (Still). Chimney fire, 8 Franklin street, owned by Mr. Tilton and occupied by Octave Peloquin. Responded to by men from Station 1. No loss.

Dec. 3, 11.00 a. m. (Still). Chimney fire, 264 Pleasant street, owned and occupied by Abitha Rogers. Responded to by men from Station 1. No loss.

Dec. 4, 10.45 a. m. (Still). Fire in foundry, Elm and North Water streets, owned and occupied by Hill Electric Co. Cause, overheated chimney. Responded to by Chemical 1. No loss.

Dec. 5, 10.30 a. m. (Still). Chimney fire, 48 Rockland street, owned by Mrs. Mary Paul and occupied by Benjamin McGuinnis. Responded to by men from Station 6. No loss.

Dec. 5, 4.30 p. m. (Still). Chimney fire, house 197 County street, owned by Mrs. Pane and occupied by Dr. E. F. Cody. Responded to by men from Station 6. No loss.

Dec. 6, 8.45 a. m. (Still). Fire in house 25 Seventh street, owned and occupied by A. P. Smith .Cause, back draft. Responded to by Chemical 1. No loss.

Dec. 6, 7.20 p. m. (Still.) Fire in blacksmith shop 324 Purchase st., owned by Howland Bros., and occupied by C. C. Lawton. Cause, caught from forge. Responded to by men from Station 5. No loss.

Dec. 7, 11.15 p. m. (Still.) Chimney fire, house 9 Smith st., owned by B. Frank Wordell, and occupied by Wm. Godfrey. Responded to by men from Station 5. No loss.

Dec. 8, 9.36 A. M. Box 127. Fire in paint shop 830 Purchase st., owned and occupied by Wm. R. West. Cause, unknown. Responded to by Engines 1 and 7, Ladder 2, Hose 2, Chemical 1. Loss on building, \$2,600. Insurance, \$6,000. Loss on contents, \$18,000. Insurance, \$21,000.

Dec. 8, 9.42 A. M. Box 127. Second alarm, same fire. Responded to by Engines 5 and 8, Ladder 1. Loss on Poisson Bros. building, \$430. Insurance \$3,000. Loss on contents, \$2,914.80. Insurance, \$21,000.

Dec. 8, 1.55 P. M. (Still.) Paint shop 830 Purchase st., owned and occupied by Wm. R. West. Responded to by men from Station 1.

Dec. 8, 11.51 A. M. Box 57. Fire in shed, Division and So. Water sts., owned by F. Wm. Oesting, and occupied by John King. Cause, hot ashes. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, \$150. Insurance \$1000.

Dec. 8, 9.10 A. M. (Still). Fire in house 59 Washburn street, owned and occupied by Tynoc Psustas. Cause, set by children. Responded to by men from Weld Street Station. No loss.

Dec. 9, 1.50 A. M. Box 58. Fire in house 11 Thatcher street, owned by William Gallagher and occupied by Mrs. M. E. Brown. Cause, smoking on lounge. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, \$45; insurance, \$1000.

Dec. 10, 12.30 A. M. Box 125. Fire in house 74 Hicks street, owned by Frank Fregeau and occupied by Mr. Senical. Cause, open flue in chimney. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. Loss on building, \$283; insurance, \$2400.

Dec. 10, 9.26 p. m. (Still). Fire in house and store 395 Cedar street, owned by Bridget McDonell and occupied by William Simister. Cause, plumber repairing pipes. Responded to by men from Station 7. No loss.

Dec. 10, 11.30 a. m. (Still). Fire in house 4 Wall street, owned by Susan Watson and occupied by Engine Sullivan. Cause, thawing water-pipes. Responded to by men from Station 1. No loss.

Dec. 10, 9 a. m. (Still). House 76 Hicks street, owned and occupied by Frank Fregeau. Cause, water front burst in stove. Responded to by men from Weld street station. No loss.

Dec. 10, 12.39 a. m. Box 28. Fire in house 196, 198 Cottage st., owned by Louis Schuler, and occupied by Louis Schuler and Enima Wheeler. Cause, spark in rubbish. Responded to by Engines 2 and 5, Ladder 1, Chemical 1. Loss on building, \$295. Insurance, \$1,000.

Dec. 10, 1.50 p. m. (Still.) Chimney fire 99 Madison st., owned and occupied by Andrew G. Pierce, Jr. Responded to by men from Station 4. No loss.

Dec. 14, 4.20 p. m. (Still.) Fire in house Union and Fifth sts., owned and occupied by Winship & Smith. Cause, overheated chimney. Responded to by Chemical 1. Loss on building, \$62. Insurance, \$8,000.

Dec. 14, 1.05 p. m. (Still.) Fire in house 4 Jenney st., owned and occupied by W. H. Hathaway. Cause, chimney. Responded to by men from Station 5. No loss.

Dec. 16, 5.15 p. m. (Still.) Fire in house 1,417 Acushnet ave., owned by Andrew Soucy, and unoccupied. Cause, drying plastering. Responded to by men from Station 8. No loss.

Dec. 18, 5.50 p. m. Box 24. Fire in house 292 Middle st., owned by David Burns, and occupied by Edw. Carter. Cause, chimney. Responded to by Engines 2, 5 and 7, Ladder 1, Chemical 1. No loss.

Dec. 19, 5.08 p. m. Box 59. (False alarm). Responded to by Engines 4 and 6, Ladder 3, Chemical 1.

Dec. 20, 10.00 p. m. (Still). Fire in house 176 Bowditch street, owned and occupied by Thomas Carron. Cause, stove overturned. Responded to by men from Weld Street Station. No loss.

Dec. 21, 1.40 a. m. Box 26. Fire in house cor. Elm and Bethel streets, owned by F. A. Soule and occupied by Elmer Jones and others. Cause, oil stove. Responded to by Engines 1, 2 and 5, Ladder 1, Chemical 1. Loss on building, \$130; insurance, \$2000. Loss on contents, \$50; no insurance.

Dec. 24, 1.40 p. m. (Still). Fire in house 89 Potomska street, owned by Mrs. Jackson and occupied by Robert Halliday. Cause, spark on lounge. Responded to by men from Station 6. No loss.

Dec. 25, 6.05 a. m. (Still). Chimney fire in house 271 Union street, owned and occupied by Dr. Brownell. Responded to by Chemical 1. No loss.

FIRE DEPARTMENT.

Dec. 28, 9.44 a. m. Box 48. Fire in house 324 South Second street, owned by H. S. Peirce and occupied by M. S. Macedo and others. Cause, thawing out pipes. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. Loss on building, \$57; insurance, \$500.

Dec. 29, 4.45 p. m. Box 124. Fire in store 955 Acushnet avenue, owned and occupied by A. Mendelson. Cause, gas jet in window. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. Loss on building, \$10; insurance, \$4000. Loss on contents, \$200; insurance, \$4000.

Dec. 30. 4.30 p. m. (Still.) Fire in house 156 Fourth st., owned by Allen Simmons, and occupied by Jacob Langendoper. Cause, candles on Christmas tree. Responded to by men from Station 4.

Dec. 30, 7.00 p. m. Box 135. Warehouse, Coggeshall st., owned and occupied by Bristol Mill. Cause, spontaneous combustion. Responded to by Engines 1 and 8, Ladder 2, Hose 2, Chemical 1. Loss on building, \$23. Loss on contents, \$22. Insurance, Blanket policy.

Following is the amount of losses by fire in this city for the past twenty-six years, together with amount of insurance on same:

1877	\$26,063.66	\$21,528.36
1878	28,154.46	66,025.00
1879	9,163.16	54,950.00
1880	7,609.13	49,450.00
1881	26,624.96	86,979.00
1882	23,169.64	692,950.00
1883	17,398.14	77,450.00
1884	184,729.82	310,950.00
1885	6,982.41	148,025.00
1886	26,786.03	1,108,800.00
1887	45,141.50	708,150.00
1888	32,881.87	125,927.00
1889	42,285.71	182,772.00
1890	18,145.02	71,300.00
1891	43,032.65	297,488.18
1892	73,947.46	271,710.00
1893	94,516.21	231,375.00
1894	28,481.98	186,850.00
1895	55,607.61	209,233.33
1896	78,909.88	705,800.00
1897	63,638.76	973,581.34
1898	47,419.29	177,367.46
1899	40,718.40	219,575.00
1900	18,781.61	155,450.00
1901	30,861.35	220,150.00
1902	53,536.83	202,705.00

Fire Alarm Telegraph, 1902.

SUPERINTENDENT,
FREDERICK MACY, Chief Engineer.

ASSISTANT SUPERINTENDENT,
DANIEL D. BRIGGS,
Residence, 43 Bedford Street. Office, City Hall.

LOCATION OF SIGNAL BOXES.

No.

3. Lund's Corner.
4. Acushnet Heights, near Reservoir.
113. Merrimack and Summer streets.
116. Hillman and Ash streets.
123. Acushnet avenue and Davis street.
124. Acushnet avenue and Sawyer street.
125. Corner Bowditch and Weld streets.
126. Cedar Grove and North Front streets.
127. Purchase and Linden streets.
128. County and Penniman streets.
129. Purchase street and Coffin avenue.
131. Acushnet avenue and Perry street.
134. Belleville avenue and Nye street.
135. Belleville avenue and Coggeshall street.
- *136. Soule Mill.
- *143. A. L. Blackmer Co.
5. Linden and Ashland streets.

6. Hazard and State streets.
7. Purchase and Franklin streets.
8. County and Pearl streets.
9. Wamsutta street and Acushnet avenue.
12. Shawmut avenue and Durfee street.
13. Cedar and Locust streets.
14. Purchase and Willis streets.
15. Smith and Cedar streets.
16. County and Hillman streets.
17. Maxfield street and Acushnet ave.
18. Purchase and North streets.
19. State and Sycamore streets.
21. North and Water streets.
23. Kempton, west of Florence street.
24. Kempton and Cedar streets.
25. County and Kempton streets.
26. Water and Middle streets.
27. Purchase street and Mechanics lane.
28. Court and Cedar streets.
29. Arnold and Ash streets.
31. Acushnet avenue and Union street.
32. Union and Eighth streets.
34. Union and Water streets.
35. Fourth and School streets.
36. Walnut and Water streets.
37. Madison and Orchard streets.
38. Bedford and Sixth streets.
39. Acushnet avenue and Cannon street.
41. Hawthorn and Page streets.
42. Allen and Page streets.
43. Walnut and Seventh streets.
45. Allen and Bonney streets.
46. South Water and Leonard streets.
47. Junction of Sixth and County streets.
48. Water and South streets.
51. Dartmouth and Rockland streets.

52. Fourth street, head of Potomska.
53. Crapo and Rivet streets.
56. South Water and Rivet streets.
57. Mosher and County streets.
58. South Water and Cove streets.
223. Court and Tremont streets.
224. Kempston and Reed streets.
225. Kempston and Florence streets.
226. Rodman and Front streets.
227. New Bedford and Fairhaven Bridge.
- *61. Union Street Railway Car Stables.
- *62. Grinnell Mills.
- *63. Wamsutta Mills.
- *64. New Bedford Manufacturing Co.
- *65. Hathaway, Soule & Harrington.
- *67. New Bedford Cordage Factory.
- *68. New Bedford Copper Works.
- *69. Dawson's Brewery.
- *71. Pairpoint Manufacturing Co.
- *72. George Delano's Sons & Co.'s Works.
- *73. Potomska Mills.
- *74. Acushnet Mills.
- *75. Morse Twist Drill Co.
- *76. City Manufacturing Co.
- *78. Dartmouth Mills.
- *79. Butler Mill.
- *81. Howland Mills.
- *82. Hathaway Mills.
- *83. Rotch Mills.
- *84. Iron Foundry, foot of Cannon street.
- *85. New Bedford Gas Works.
- *86. Old Colony Steamboat Co.
- *91. Bennett Mills.
- *92. New Bedford Casket Co.
- *93. Pierce Mills.
- *94. Old Colony Freight Depot, Pearl street.

- *95. Bristol Mills.
- *96. Columbia Mills.
- *97. Whitman Mills.
- 581. City Almshouse.
- 583. Brock avenue, near Butler street.
- 584. Cove street and East French avenue.

* Private boxes.

LOCATION OF HYDRANTS.

Abbott street, northwest corner Ruth avenue.....
Acushnet av, west side, north of Tarkiln Hill road, 3743.2 feet.
Acushnet av, west side, north of Tarkiln Hill road, 2986.7 feet.
Acushnet av, west side, north of Tarkiln Hill road, 2392.7 feet.
Acushnet av, west side, north of Tarkiln Hill road, 1783.3 feet.
Acushnet av, west side, north of Tarkiln Hill road, 1195.3 feet.
Acushnet av, west side, north of Tarkiln Hill road, 542 feet...
Acushnet av, southwest corner Tarkiln Hill road.....
Acushnet av, west side, south of Tarkiln Hill road 500 feet...
Acushnet av, west side, south of Tarkiln Hill road, 997 feet...
Acushnet av, west side, north of Howard avenue, 600 feet....
Acushnet av, west side, north of Howard avenue 6 feet.....
Acushnet av, west side, south of Howard avenue, 601 feet....
Acushnet av, west side, north of Shaw, 610 feet.....
Acushnet av, northwest corner of Shaw.....
Acushnet av, west side, north of Belleville road, 603.5 feet....
Acushnet av, west side, head of Belleville road.....
Acushnet av, northwest corner of Nash road.....
Acushnet av, northwest corner of Hathaway avenue.....
Acushnet av, northwest corner of Davis.....
Acushnet av, southwest corner of Phillips avenue.....
Acushnet av, southwest corner of Dean.....
Acushnet av, west side, north of Sawyer, 574.5 feet.....
Acushnet av, southwest corner of Coggeshall.....
Acushnet av, southwest corner of Cedar Grove.....
Acushnet av, northwest corner of Logan.....
Acushnet av, west side, south of Logan, 335 feet.....
Acushnet av, west side, north of Wamsetta, 514 feet.....
Acushnet av, west side, north of Wamsutta, 372 feet.....
Acushnet av, west side, south of Wamsutta, 255 feet. Flush..
Acushnet av, southeast corner of Pope. Flush.....
Acushnet av, west side, south of Campbell, 179 feet. Flush..
Acushnet av, northwest corner of Maxfield. Flush.....
Acushnet av, northwest corner of Kempton. Flush.....
Acushnet av, northeast corner of Elm. Flush.....
Acushnet av, northwest corner of William.....
Acushnet av, northwest corner of School.....

Acushnet av, northwest corner of Madison.....	
Acushnet av, northwest corner of Russell.....	
Acushnet av, northwest corner of Bedford.....	
Acushnet av, west side, opposite Howland. Flush.....	
Acushnet av, northwest corner of Potomska.....	
Acushnet av, west side, north of Rivet, 98 feet.....	
Acushnet av, southwest corner of Blackmer. Flush.....	
Adams street, south side, west of County, 588.3 feet.....	
Allen street, south side, west of Rural, 445 feet.....	
Allen street, southwest corner of Clover.....	
Allen street, southwest corner of Page.....	
Allen street, north side, east of Page, 159 feet. Flush.....	
Allen street, northwest corner of Ward. Flush.....	
Arch street, southwest corner of Union. Flush.....	
Armour street, southwest corner of Union.....	
Arnold place, west side, south of Rotch court, 38.3 feet.....	
Arnold street, south side, west of Orchard, 96 feet.....	
Arnold street, southwest corner of Chancery. Flush.....	
Arnold street, southeast corner of Atlantic.....	
Arnold street, south side, west of James, 15.3 feet.....	
Ash street, northwest corner of Middle.....	
Ash street, southwest corner of Morgan.....	
Ash street, northwest corner of Arnold. Flush.....	
Ash street, northwest corner Maple. Flush.....	
Ash street, northwest corner of Bedford.	
Ashland street, southwest corner of Clark.....	
Ashley street, west side, south of Cove (west), 222.2 feet.....	
Atlantic street, northwest corner of Maple.....	
Atlantic street, southwest corner of Union	
Austin street, southwest corner of Purchase.....	
Austin street, southeast corner of State	
Austin street, southwest corner of Ashland	
Austin street, southeast corner of Cedar	
Austin street, south side, on west line of Wilson	
Austin street, southeast corner of Shawmut avenue.....	
Austin street, south side, west of Shawmut avenue, 108 feet ..	
Babbitt street, south side, west of Dartmouth, 207.5 feet.....	
Babbitt street, southeast corner of Field	
Bedford street, southwest corner of Fourth	
Bedford street, southwest corner of Fifth	
Bedford street, southwest corner of County	
Bedford street, southwest corner of Orchard	
Beech street, northwest corner of Kempton.....	

Beetle street, southwest corner of Howard
Beetle street, southeast corner of Front
Belleville avenue, southwest corner of Washburn
Belleville avenue, west side, north of Washburn, 118 feet.....
Belleville avenue, northwest corner of Cedar Grove
Belleville avenue, west side, north of Coggeshall, 134 feet ..
Belleville avenue, northwest corner of Beetle
Belleville avenue, southwest corner of Plummer avenue
Belleville road, southwest corner of Diman
Belleville road, south side, east of Acushnet avenue, 1392 feet.
Blackmer street, south side, east of Front, 284 feet
Blackmer street, south side, east of Front, 575 feet
Blackmer street, south side, east of Front, 738 feet
Blackmer street, south side, east of Front, 904 feet
Bolton road, west side, north of Rivet, 370 feet
Bolton road, west side, north of Rotch Mill No. 2
Bolton road, west side, south of Rotch Mill No. 2
Bolton road, west side, south of Rivet, 1027 feet.....
Bolton road, northwest corner of Poplar road
Bonney street, southwest corner of Allen
Bonney street, northwest corner of Grinnell
Bonney street, northwest corner of Rockland
Bonney street, southwest corner of Thompson
Borden street, northwest corner of Bedford
Borden street, southwest corner of Bay
Bowditch street, southwest corner of Weld
Bowditch street, west side, south of Cedar Grove, 313 feet ..
Bowditch street, west side, north of Cedar Grove, 244 feet ..
Bowditch street, northwest corner of Coggeshall
Bowditch street, southwest corner of Dean
Bowditch street, southwest corner of Coffin avenue.....
Bowditch street, west side, north of Coffin avenue, 358 feet ..
Bowditch street, southwest corner of Davis
Bowditch street, southwest corner Hathaway avenue.....
Bridge street, north side, east from west line of Popes Island Manufacturing Co. building, 483.4 feet. Flush
Bridge street, north side, east from west line of Popes Island Manufacturing Co. building, 215.7 feet. Flush
Bridge street, south side, west from west line of Popes Island Manufacturing Co. building, 24.6 feet. Flush
Bridge street, south side, on Fish Island
Bridge street, south side, east of Front street, 200 feet.....
Bridge street, west side, north of Rivet street, 303 feet

Brock avenue, southwest corner of David	
Brock avenue, southwest corner of Woodlawn avenue	
Brock avenue, southwest corner of Willard.....	
Brock avenue, southwest corner, first street south Norman ..	
Brock avenue, west side, south of Butler, 1063 feet	
Brock avenue, west side, south of Butler, 2538.1 feet	
Brock avenue, northwest corner Marine avenue	
Brownell street, west side, south of Union, 387 feet.....	
Bullard street, southwest corner of Belleville avenue.....	
Bullard street, southeast corner of Front.....	
Bullard street, southeast corner of Bowditch.....	
Bullock street, southwest corner of Trinity.....	
Butler street, south side, east from Brock av., 1635 feet. Flush.	
Butler street, south side, east of Brock avenue, 287 feet. Flush.	
Campbell street, southwest corner of Purchase.	
Campbell street, south side, east of County, 163 feet. Flush..	
Campbell street, south side, west of County, 216.5 feet.....	
Campbell street, southwest corner of Cottage.....	
Campbell street, south side, east of Shawmut av. 205 ft. Flush.	
Cannon street, south side, east of Second, 164 feet.....	
Cedar street, northwest corner of Elm.....	
Cedar street, southwest corner of Kempston. Flush.....	
Cedar street, west side, north of Mill, 75 feet. Flush.....	
Cedar street, southwest corner of Hillman. Flush.....	
Cedar street, northwest corner of Sycamore. Flush	
Cedar street, southwest corner of Campbell. Flush.....	
Cedar street, southwest corner of Parker. Flush.....	
Cedar Grove street, southeast corner of Front.....	
Cedar Grove street, southeast corner of Howard.....	
Cedar Grove street, south side, west of Bowditch, 383 feet ..	
Cedar Grove street, northwest corner of Purchase.....	
Cedar Grove street, southwest corner of County.....	
Centre street, south side, east of Water, 85 feet. Flush.....	
Chancery street, southwest corner of Maple.....	
Chancery street, west side, north of Arnold, 406 feet.....	
Chancery street, southwest corner of Elm.....	
Chancery street, west side, south of Parker, 176 feet.....	
Chancery street, west side, north of Parker, 650 feet.....	
Chepachet street, northwest corner of Court	
Chepachet street, west side, south of Kempston, 531 feet.....	
Cherry street, southeast corner of Seventh. Flush.....	
Chestnut street, southwest corner of North. Flush.....	
Chestnut street, west side, north of Campbell, 96 feet.....	

Chestnut street, southwest corner of Merrimac.....
Church street, west side, north of Belleville road, 300 feet....
Church street, southwest corner of Nash road.....
Church street, southwest corner of Hathaway avenue.....
Church street, west side, north of Coffin avenue, 591.4 feet...
Clark street, southwest corner of State.....
Clark street, south side, west of County 218 feet.....
Clay street, northwest corner of Columbia.....
Cleveland avenue, west side, south of Cove, 681 feet.....
Clinton street, south side, west of County, 224.8 feet.....
Clinton street, south side, west of Ash, 242.5 feet.
Coffin avenue, southwest corner of Church.....
Coffin avenue. south side, opposite Oneko Lane.....
Coffin avenue, southeast corner of Front.....
Coffin avenue, southwest corner Belleville avenue.....
Coffin avenue, northwest corner of Riverside avenue.....
Coffin avenue, south side, east of Riverside avenue, 227 feet..
Coffin avenue, north side, east of Riverside avenue, 414 feet...
Coffin street, southwest corner of Water.....
Coffin street, north side, east of Water, 262 feet.....
Coggeshall street, south side, east of Mitchell, 654 feet.....
Coggeshall street, south side, east of Mitchell, 498 feet.....
Coggeshall street, south side, east of Mitchell, 834 feet.....
Coggeshall street, north side; east of Mitchell, 148 feet.....
Coggeshall street southeast corner of Belleville avenue.....
Coggeshall street, southwest corner of Front.....
Coggeshall street, southwest corner of Purchase.....
Coggeshall street, southeast corner of County.....
Coggeshall street, south side, west of County 384 feet.....
Collette street, south side, east of Acushnet avenue, 275 feet...
Collins street, southeast corner of Glover.....
Columbia street, southwest corner of Allen.....
Commercial street, north side, east of Front, 82 feet.....
Cottage road, south side, west of Bolton road, 436 feet.....
Cottage street, southwest corner of Bay.....
Cottage street, northwest corner of Allen.....
Cottage street, northwest corner of Bedford. Flush.
Cottage street, southwest corner of Arnold.....
Cottage street, southwest corner of Union
Cottage street, southwest corner of Court.....
Cottage street, southwest corner of Kempton
Cottage street, southwest corner of Mill
Cottage street, southwest corner of North

Cottage street, southwest corner of Hillman	
Cottage street, northwest corner of Sycamore.....	
Cottage street, northwest corner of Parker.....	
Cottage street, west side, north of Locust, 237 feet	
Cottage street, southwest corner of Durfee.....	
County street, southwest corner of Tallman.....	
County street, southwest corner of Sawyer	
County street, southeast corner of Penniman	
County street, west side, south of Clark, 234.5 feet	
County street, west side, south of Weld, 115 feet	
County street, southwest corner of Austin	
County street, west side, head of School	
County street, southwest corner of Madison	
County street, southwest corner of Hawthorn	
County street, northwest corner of Allen	
County street, southwest corner of Grinnell	
County street, northwest corner of South	
County street, northwest corner of Winsor.	
County street, west side, north of Division, 71 feet.....	
County street, northwest corner of Cove road	
Court street, southwest corner of Orchard	
Court street, southeast corner of Cedar	
Court street, northeast corner of Ash.....	
Court street, southwest corner of Emerson.....	
Court street, south side, west from Park, 304 feet. Flush	
Court street, south side, head of Jenney	
Court street, south side, east of Reed, 300 feet	
Cove road, southwest corner of West French avenue.....	
Cove road, southwest corner of Shore street.....	
Cove road, north side, west of County, 365 feet.....	
Cove street, southwest corner of Cleveland avenue	
Cove street, southwest corner of Harrison avenue	
Cove street, southwest corner of Salisbury	
Cove street, southwest corner of Viall	
Cove street, southwest corner of McGurk	
Cove street, southwest corner of West French avenue	
Cove street, southeast corner of Stapleton	
Cove street, southeast corner of County	
Crapo street, west side, south of Washington, 343 feet. Flush	
Crapo street, west side, south of Rockland, 225 feet	
Crapo street, west side, south of Thompson, 160 feet.....	
Dartmouth street, east side, southwest of Orchard, 110 feet ..	
Dartmouth street, east side, south of Hickory, 125 feet	

Dartmouth street, east side, south of Rockland,	260 feet.....
Dartmouth street, east side, south of Thompson,	99 feet
Dartmouth street, southeast corner of Larch	
Dartmouth street, northeast corner of Dunbar	
David street, south side, west of Brock avenue,	289 feet
Davis street, southwest corner of Riverside avenue.....	
Davis street, south side, east of Front,	321.8 feet
Davis street, southwest corner of Front.....	
Davis street, south side, west of Bowditch street,	377 feet
Davis street, south side, east of Church,	362 feet
Dean street, southwest corner of Belleville avenue	
Dean street, southeast corner of Front.....	
Delano street, southwest corner of Water.....	
Delano street, southeast corner of Acushnet avenue	
Diman street, southwest corner of Whitman.....	
Diman street, west side, south of Whitman	149 feet.
Division street, southeast corner of Second.....	
Division street, south side, west of County,	527 feet...
Division street, south side, east of Crapo,	6 feet.....
Dudley street, south side, east of West French av.,	122 feet....
Dudley street, south side, west of Brock avenue,	607 feet.....
Dunbar street, southwest corner of Hemlock.....	
Durfee street, southwest corner of Cedar.....	
Durfee street, southwest corner of Bullock.....	
Durfee street, southwest corner of Shawmut avenue	
Durfee street, south side, west of Shawmut avenue,	186.6 feet
Earle street, southwest corner of Riverside avenue.....	
Earle street, south side, west of Belleville avenue,	136 feet....
Earl street, south side, east of Acushnet avenue,	274.2 feet
East French avenue, west side, south of Cove,	807.2 feet.....
East French avenue, northwest corner of Abbott	
Edward street, south side, east of Field,	90 feet.....
Edward street, south side, west of Dartmouth street,	157 feet.
Elm street, southwest corner of Purchase.....	
Elm street, southwest corner of Pleasant.....	
Elm street, southwest corner of Eighth.....	
Elm street, southwest corner of Summer. Flush.....	
Elm street, southwest corner of Florence	
Elm street, southeast corner of Palmer.....	
Emerson street, west side, north of Arnold,	173.8 feet.....
Field street, northwest corner of Stowell.....	
Fifth street, southwest corner of Union.....	
Fifth street, southwest corner of School.....	

Fifth street, west side, south of Madison, 245 feet. Flush ...
Fifth street, northwest corner of Wing..
Fifth street, northwest corner of Grinnell.....
First street, southwest corner of Spring. Flush.....
First street, west side, south of School, 109 feet. Flush.....
First street, west side, south of Howland, 185 feet. Flush ...
First street, northwest corner of Potomska.....
Florence street, southwest corner of Hillman.....
Florence street, northwest corner of Mill.....
Florence street, West side, south of Kempton, 199.6 feet.....
Florence street, southwest corner of Morgan.....
Forest street, south side, west of County, 90 feet. Flush
Foster street, southwest corner of High
Fourth street, southwest corner of Union. Flush.....
Fourth street, west side, north of School, 106 feet. Flush....
Fourth street, west side, south of Madison, 210 feet.....
Fourth street, east side, opposite Washington.....
Fourth street, northwest corner of Rockland. Flush.....
Fourth street, west side, south of Potomska, 61 feet
Franklin street, southwest corner of Purchase.....
Franklin street southwest corner of Pleasant. Flush.....
Franklin street, southwest corner of State.....
Front street, southwest corner of Whitman
Front street, southwest corner of Holly.....
Front street, west side, south of Washburn, 319 feet. Flush..
Front street, southwest corner of Logan.....
Front street, west side, south of Logan, 190.2 feet.....
Front street, west side, south of Logan, 383 feet
Front street, west side, north of Wamsutta, 285.2 feet....
Front street, southeast corner of Wamsutta.....
Front street, east side, foot of Middle. Flush.....
Front street, southwest corner of Middle.....
Front street, southwest corner of Hazard's lane. Flush.....
Front street, northwest corner of Rodman.....
Front street, southwest corner of Centre. Flush.....
Front street, west side, south of Commercial, 86 feet. Flush.
Front street, northwest corner of lane head of Merrill's wharf. Flush
Front street, west side, south of Howland, 268 feet.....
Front street, southwest corner of Grinnell.....
Front street, west side, south of South, 330 feet.....
Front street, southwest corner Rivet street
Front street, west side, north of Delano, 191 feet.....

Front street, west side, south of Delano, 200 feet.....
Fruit street, south side, east of Hemlock, 126.5 feet
Fruit street, south side, west of Mulberry, 25.5 feet
Gifford street, south side, east of Water, 274 feet
Gifford street, south side, west of Harbor, 167.8 feet
Gifford street, southeast corner of Harbor.....
Gifford street, south side, east of Harbor, 299.3 feet
Grand street, south side, west of Shawmut avenue, 750 feet ..
Granfield street, west side, north of Coggeshall, 263 feet.....
Grape street, south side, west of Lewis, 131 feet.....
Grape street, southwest corner of Small
Grape street, southwest corner of Devoll
Griffin street, southwest corner of Second. Flush.....
Grinnell street, south side, west of Acushnet avenue, 76 feet.
Flush
Grinnell street, south side, east of Crapo, 103 feet. Flush ..
Grinnell street, southwest corner of Orchard.....
Grove street, southwest corner of Anthony
Grove street, southwest corner of Cottage
Harbor street, east side, north of Cove, 195 feet
Harbor street, east side, north of Cove, 372 feet.....
Harbor street, east side, north of Cove, 540 feet.....
Harbor street, east side, south of Gifford, 195.8 feet
Harmony street, southwest corner of Social.....
Harrison street, southwest corner of Hickory
Hathaway street, south side, east of Front street, 260 feet....
Hathaway street, southwest corner of Front
Hathaway street, south side, east of Church street, 331 feet ..
Hawthorn street, southwest corner of Cottage
Hawthorn street, southeast corner of Page. Flush.....
Hawthorn street, south side, east of Tremont, 147 feet
Hawthorn street, southwest corner of Brigham
Hawthorn street, south side, west of Brigham, 301 feet.....
Hazard street, south side, west of State, 140 feet. Flush....
Hazard street, southwest corner of Pleasant. Flush.....
Hazard street, southwest corner of Purchase.....
Hemlock street, west side, south of Rockland, 231 feet.....
Hicks street, south side, east of Acushnet avenue, 276 feet.....
High street, south side, east of Acushnet ave., 43 feet. Flush
High street, southwest corner of Purchase
High street, south side, east of County, 177 feet. Flush
Highland street, west side, north of Durfee, 418.4 feet.....
Hillman street, southwest corner of Second. Flush.....

Hillman street, southwest corner of Purchase.....	....
Hillman street, southwest corner of Pleasant .....	....
Hillman street, head of State.....	....
Hillman street, head of Thomas.....	....
Hillman street, southwest corner of Chancery.....	....
Hillman street, south side, east of Florence, 609.5 feet.....	....
Hillman street, southwest corner of Lindsey.....	....
Hillman street, southeast corner of Rockdale avenue.....	....
Holly street, southwest corner of Belleville avenue.....	....
Holly street, southwest corner of Bowditch .....	....
Holly street, southeast corner of Brook.....	....
Hollyhock street, south side, east of Field, 410 feet.....	....
Homer street, southwest corner of Locust .....	....
Howard avenue, south side, east of Acushnet avenue, 364 feet.	....
Howland street, northeast corner of Second. Flush.....	....
Howland street, south side, west of Prospect, 19.2 feet .....	....
Hunter street, southwest corner of Hillman .....	....
Independent street, south side, west of County, 480 feet .....	....
Independent street, southeast corner of Crapo.....	....
Irving court, north end of Court. Flush.....	....
James street, west side, north of Arnold, 107 feet. ....	....
James street, southwest corner of Court.....	....
Jenney Lind street, southwest corner of Hillman.....	....
Jenney Lind street, west side, north of Kempton street, 1167 ft.	....
Jouvette street, south side, west of County 372 feet.....	....
Katherine street, southeast corner of Crapo.....	....
Katherine street, south side, west of County, 442 feet.....	....
Keene street, south side, west of Park, 434 feet.....	....
Kempton street, southwest corner of Purchase.....	....
Kempton street, southwest corner of Pleasant.....	....
Kempton street, south side, opposite Hill.....	....
Kempton street, southwest corner of County .....	....
Kempton street, southwest corner of Summer .....	....
Kempton street, southwest corner of Emerson. Flush.....	....
Kempton street, southwest corner of Park .....	....
Kempton street southwest corner of Liberty.....	....
Kempton street, southeast corner of Jenney. Flush.....	....
Kempton street, south side, west of Hunter, 50 feet .....	....
Kempton street, southwest corner of Rockdale avenue..	....
Kempton street, southeast corner of Chepachet .....	....
Kempton street, south side, opposite Jenney Lind street.....	....
Kenyon street, south side, west of Front street, 378 feet.....	....
Kilburn street, north side, east of Front, 244 feet.....	....

Kilburn street, north side, east of Front, 581 feet.
Larch street, south side, east of Mulberry, 120 feet.....
Larch street, south side, east of Hemlock, 129 feet.....
Leonard street, south side, east of Water, 216 feet Flush....
Liberty street, west side, south of Kempton, 339 feet. Flush.
Liberty street, west side, north of Court, 184 feet.....
Lincoln street, west side, south of Union, 171 feet. Flush...
Linden street, southwest corner of Purchase.....
Linden street, south side, west of State, 13.5 feet.....
Linden street, south side, west of County, 189 feet.....
Linden street, south side, west of Reynolds, 67.5 feet.....
Linden street, south side, east of Ashland, 6.5 feet.....
Lindsey street, west side, south of Kempton, 173 feet.
Lindsey street, northwest corner of Morgan.....
Locust street, southwest corner of County.....
Locust street, southwest corner of Chestnut.....
Locust street, southwest corner of Richmond
Logan street, south side, east of Acushnet av., 400 feet. Flush.
Logan street, south side, opposite Bowditch.....
Logan street, southeast corner of Purchase.....
Lombard street, west side, north of Thompson. 107 feet.
Lucas street, south side, west of Brock avenue. 275 feet ...
Madison street, southwest corner of First. Flush.....
Madison street, southwest corner of Water.....
Madison street, southwest corner of Sixth
Maitland street, southwest corner of Cedar.....
Maple street, southwest corner of Cottage.....
Maxfield street, southwest corner of Second.....
Maxfield street, southwest corner of Purchase.....
Maxfield street, southwest corner of Pleasant
Maxfield street, southwest corner of Foster.....
Maxfield street, southwest corner of County.....
Maxfield street, southwest corner of Chestnut.....
Maxfield street, southeast corner of Spruce. Flush:
Maxfield street, southeast corner of Ash ..
Maxfield street, south side, east of Chancery, 44.4 feet.....
Maxfield street, south side, west of Beech street. 23 feet....
McGurk street, west side, north of Brock avenue, 348 feet....
Mechanics lane, northwest corner of Purchase.....
Mechanics lane, north side, east of Eighth, 206 feet. Flush.
Merrimac street, southwest corner of Purchase.....
Merrimac street, southwest corner of State
Merrimac street, southwest corner of Summer

Middle street, southwest corner of Water.....	
Middle street, southwest corner of Second.....	
Middle street, southwest corner of Acushnet avenue.....	
Middle street, southwest corner of Purchase	
Middle street, southwest corner of Pleasant.....	
Middle street, southwest corner of Sixth.....	
Middle street, southwest corner of County.....	
Middle street. south side, east of Cedar, 371 feet. Flush	
Middle street, southeast corner of Chancery. Flush	
Middle street, southwest corner of Purchase	
Mill street, south side, west of Hill, 191 feet	
Mill street, south side, west of Ash, 45 feet. Flush	
Mill street, south side, east of Park, 104 feet	
Mill street, southeast corner of Newton.....	
Mill street, southeast corner of Summit	
Milton street, south side, west of Rockdale avenue, 85 feet ...	
Mitchell street, northwest corner of Coggeshall.....	
Mitchell street, west side, north of Coggeshall, 178.8 feet....	
Mitchell street, west side, south of Sawyer, 345 feet.....	
Mitchell street, southwest corner of Sawyer.....	
Moorland Terrace, southwest corner of Ash.....	
Morgan street, southwest corner of County.....	
Morgan street, southwest corner of Cottage. Flush.....	
Morton's court, west side, north of Cove, 385.3 feet	
Mosher street, south side, west of County, 517 feet.....	
Mosher street, southeast corner of Crapo	
Mt. Pleasant street, west side, south of Tarkiln hill rd., 35 feet	
Mt. Pleasant street, west side, north of Nash road, 1,671 feet..	
Mt. Pleasant street, west side, north of Nash road, 348 feet ...	
Mt. Pleasant street, west side, north of railroad fence, 285 feet	
Mt. Pleasant street, west side, south of Hathaway road, 40 feet	
Mt. Pleasant street, west side, north of Peckham-West cemetery, 277 feet	
Mt. Pleasant street, west side, south of Peckham-West cemetery, 74 feet	
Mt. Pleasant street, west side, north of reservoir, 837 feet.. .	
Mt. Pleasant street, west side, north of reservoir, 450 feet	
Mt. Pleasant street, west side, north of reservoir, 40 feet.....	
Mt. Pleasant street, west side, south of Peckham, 217 feet....	
Mt. Vernon street, southwest corner of Mt. Pleasant .. .	
Mt. Vernon street, southeast corner of Vine. Flush	
Mt. Vernon street, south side, east of Shawmut ave., 241 feet .	
Myrtle street, west side, south of Weld, 22 feet	

Myrtle street, southwest corner of Clark
Myrtle street, west side, north of Clark street, 274 feet
Nelson street, south side, west of County, 541.6 feet.....
Newton street, northwest corner of Elm.....
North street, southeast corner of Second.....
North street, southwest corner of Acushnet avenue.....
North street, southwest corner of Purchase
North street, northwest corner of Pleasant.....
North street, southwest corner of Foster.....
North street, southwest corner of Hill
North street, southwest corner of County.....
North street, southwest corner of Emerson.....
North street, southwest corner of Park
North street, south side, west of Newton, 258 feet.....
North street, southwest corner of Hunter.....
North street, southwest corner of Beech
Nye street, southwest corner of Belleville avenue
Nye street, southwest corner of Front
Nye street, south side, west of Acushnet avenue, 311.7 feet
Oak street, southwest corner of Harrison.....
Oak street, northwest corner of Grape.....
Oak street, southwest corner of Allen
Ocean street, west side, south of Arnold, 184.5 feet.....
Orchard street, southwest corner of Madison.....
Orchard street, southwest corner of Grove.....
Orchard street, west side, north of Rockland, 98 feet.....
Palmer street, northwest corner of Union.....
Palmer street, west side, south of Elm street, 195 feet.....
Park place, south side, west of Sixth, 306 feet. Flush
Park street, southwest corner of Maxfield
Park street, southwest corner of Hillman.....
Park street, west side, south of Kempton, 339 feet
Park street, northwest corner of Court.....
Park street, west side, north of Arnold, 263 feet.....
Parker street, south side, at Oak Grove Cemetery
Parker street, southwest corner of Summer. Flush.....
Parker street, southwest corner of County.....
Pearl street, southwest corner of Pleasant.....
Pearl street, southwest corner of Purchase
Perry street, south side, east of Acushnet av., 270 feet.....
Phillips avenue, south side, east of Oneko lane.....
Phillips avenue, south side, east of Acushnet av., 173 feet....
Phillips avenue, southwest corner of Riverside avenue.....

Pierce street, west side, north of Court, 253.7 feet.....
Pine street, northwest corner of Cross. Flush.....
Plainville road, south side, east of Shawmut avenue, 705 feet.
Plainville road south side, east of Shawmut avenue, 1,139 feet.
Plainville road, south side, east of Shawmut avenue, 2,317 feet.
Plainville road, south side, east of Shawmut avenue, 3,118 feet.
Plainville road, south side, east of Shawmut avenue, 3,920 feet.
Pleasant street, northwest corner of Market.....
Pleasant street, west side, north of William, 21½ feet.....
Pleasant street, east side, foot of Sycamore.....
Pleasant street, northwest corner of Pope. Flush.....
Pleasant street, northwest corner of Austin. Flush.....
Pleasant street, southwest corner of Linden. Flush.....
Pleasant street, southwest corner of Weld.....
Plummer avenue, southwest corner of Riverside avenue.....
Plummer avenue, south side, east of Belleville avenue, 177 feet.
Pope street, south west corner of Purchase.....
Pope street, south side, opposite North Oak.....
Pope street, southwest corner of Summer.....
Poplar road, south side, west of Bolton road 431 feet.....
Potomska street, a group of three post hydrants located about 300 feet east of Prospect and 91 feet north of south line of Potomska street.....
Potter street, south side, east of Shawmut avenue 408 feet
Prospect street, west side, north of Grinnell, 275.2 feet.....
Prospect street, northwest corner of Grinnell.....
Prospect street, west side, north of Potomska, 324.5 feet.....
Prospect street, northwest corner of Potomska.
Purchase street, northwest corner of Dean.
Purchase street, west side, opposite Oneko mill.....
Purchase street, east side opposite Clark.
Purchase street, west side, south of Campbell, 348 feet.....
Purchase street, northwest corner of Union. Flush.....
Purchase avenue, northeast corner of Purchase.....
Reed street, west side, north of Court, 145 feet.....
Reed street, southwest corner of Elm.....
Reed street, southwest corner of Middle.....
Reynolds street, southwest corner of Weld.....
Reynolds street, west side, south of Clark, 17.9 feet.....
Reynolds street, southwest corner of Cedar Grove street
Richmond street, southwest corner of Maitland
Riverside avenue, west side, opposite Manomet street
Rivet street, southwest corner of Second. Flush

FIRE DEPARTMENT.

Rivet street, southwest corner of County
Rivet street, southwest corner of Bonney
Rivet street, southeast corner of Bolton road.....
Rivet street, southwest corner of Hemlock..
Robeson street, southwest corner of County
Robeson street, southwest corner of Ashland.....
Robeson street, southeast corner of Cottage.....
Robeson street, southeast corner of Cedar.....
Robeson street, south side, west of Cedar, 424 feet
Rockdale avenue, southwest corner of Bolton road
Rockdale avenue, south side, west of Bolton road, 327 feet....
Rockdale avenue, west side, north of Milton, 128 feet
Rockdale avenue, southwest corner of Grant street.....
Rockdale avenue, west side, north of Lexington st., 128 feet..
Rockland street, southwest corner of County
Rockland street, southeast corner of Hall.....
Rockland street, south side, west of Orchard, 13 feet
Rockland street, south side, east of Hemlock, 179.8 feet.....
Rockland street, southwest corner of Lombard.....
Rotch street, west side, south of Union, 213.7 feet.....
Rounds street, northwest corner of Elm
Rural street, southwest corner of Allen.....
Russell street, south side, east of Fifth, 92 feet. Flush
Russell street, southwest corner of Sixth
Russell street, south side, west of Sixth, 179 feet
Salisbury street, northwest corner of Ruth..
Sand street, northwest corner of Grit.....
Sawyer street, south side, west of County, 644 feet.....
Sawyer street, southwest corner of Purchase.....
Sawyer street, south side, opposite Brook
Sawyer street, southwest corner of Bowditch
Sawyer street, southwest corner of Acushnet avenue
Sawyer street, southeast corner of Belleville avenue.....
Sawyer street, south side, east of Mitchell, 418.8 feet
Sawyer street, north side, east of Belleville avenue, 750 feet ..
Sawyer street, south side, east of Mitchell street, 890 feet.. ..
School street, southwest corner of Sixth.....
Scott street, south side, west of County, 494 feet
Sears court, southwest corner of Purchase street. Flush
Second street, northwest corner of Mill. Flush
Second street, west side, south of Elm, 52 feet
Second street, west side, south of Spring, 74 feet. Flush.....
Second street, northwest corner of Coffin. Flush

Second street, west side, at head of Morgan's lane
Second street, west side, north of Grinnell, 61 feet. Flush...
Second street, west side, north of Potomiska, 232 feet.....
Second street, west side, south of Potomska, 122 feet
Second street, west side, south of Blackmer, 188 feet
Seventh street, southwest corner of Union.....
Seventh street, west side, north of Madison, 50 feet. Flush..
Shawmut avenue, southwest corner of Willis.....
Shawmut avenue, southwest corner of Parker.....
Shawmut avenue, west side, head of Locust
Shawmut avenue, southwest corner of Robeson
Shawmut avenue, west side, north of Austin, 195 feet
Shawmut avenue, west side, north of Durfee, 497 feet
Shawmut avenue, southwest corner of Grand
Shawmut avenue, west side, north of Grand, 363 feet.....
Shawmut avenue, west side, opposite Topham street
Shawmut avenue, northwest corner of Plainville road
Sherman street, south side, west of County, 314 feet. Flush .
Shore street, west side, south of Cove road, 264 feet.....
Sisson street, northwest corner of Union.....
Sisson street, west side, north of Arnold, 142 feet.....
Sixth street, west side, north of Grinnell, 194 feet.....
Smith street, southwest corner of County.....
Smith street, southwest corner of Chestnut
Smith street, southeast corner of Spruce ..
Smith street, southeast corner of Shawmut avenue
Smith street, south side, east of Park, 5 feet
South street, south side, east of Crapo, 357 feet
South street, southwest corner of Acushnet avenue.....
South street, southwest corner of Second
South street, southwest corner of First
South street, southwest corner of Water
South street, southwest corner of Prospect.....
Spring street, southwest corner of Water
Spring street, southeast corner of Acushnet avenue
Spring street, southeast corner of Fifth. Flush.....
Spring street, southwest corner of Seventh.....
State street, southwest corner of Sycamore
State street, southwest corner of Pearl. Flush
Stone street, west side, south of Allen, 208.6 feet.....
Stowell street, south side, east of Field, 153 feet
Summer street, northwest corner of North. Flush
Summer street, northwest corner of Hillman. Flush

Summer street, southwest corner of Willis. Flush
Summer street, southwest corner of Locust
Sycamore street, southwest corner of Thomas. Flush.....
Sycamore street, southwest corner of Summer. Flush.....
Sycamore street, southwest corner of Chancery
Taber street, southwest corner of Page
Taber street, south side, west of Page, 428.7 feet
Tallman street, southwest corner of Belleville avenue.....
Thompson street, southeast corner of Bourne
Thompson street, southwest corner of Hemlock.....
Thompson street, south side, east of Hemlock, 99.6 feet
Thompson street, south side, west of Bonney, 302 feet.....
Thompson street, south side, east of Hall, 20 feet
Thompson street, southwest corner of County.....
Tinkham street, south side, east of Acushnet ave., 239.2 feet..
Topham street, south side, east of Shawmut avenue, 847 feet..
Tremont street, southwest corner of Union
Tremont street, northwest corner of Maple
Trinity street, south side, west of Cedar, 264 feet
Union street, southwest corner of Front
Union street, southwest corner of Water.....
Union street, southwest corner of First
Union street, southwest corner of Second.....
Union street, southwest corner of Acushnet avenue
Union street, southwest corner of Sixth.....
Union street, southwest corner of County.....
Union street, southeast corner of Emerson.....
Union street, southwest corner of Ocean.....
Union street, south side, west of James, 61 feet
Valentine street, south side, west of Brock avenue, 891 feet...
Valentine street, south side, east of West French ave., 142 feet
Viall street, northwest corner of Rutli street.....
Vine street, west side, north of Durfee, 215 feet.....
Walden street, southwest corner of Maxfield. Flush
Wall street, south side, east of Acushnet ave., 165 feet Flush
Wall street, southeast corner of Acushnet avenue
Walnut street, northwest corner of Front
Walnut street, southwest corner of Water.....
Walnut street, southwest corner of Second. Flush
Walnut street, southwest corner of Fourth
Walnut street, southwest corner of Seventh.....
Wamsutta street, south side, west of Front, 200 feet.....
Wamsutta street, south side, west of Front, 372 feet

Wamsutta street, south side, east of Acushnet avenue, 286 feet
Ward street, southwest corner of Bay.....
Warren street, southwest corner of Brock avenue
Washburn street, southeast corner of Acushnet avenue
Washburn street, south side, west of North Front, 228 feet ...
Washington street, southwest corner of County.....
Washington street, southwest corner of Crapo.....
Washington street, south side, west of Orchard, 102 feet.....
Washington street, southeast corner of Dartmouth. Flush
Water street, southwest corner of Hillman. Flush
Water street, southwest corner of North
Water street, northwest corner of High.....
Water street, southwest corner of Elm. Flush
Water street, west side, north of Center, 46 feet. Flush.....
Water street, southwest corner of School
Water street, west side, head of Pine
Water street, west side, head of Leonard
Water street, southwest corner of Howland.....
Water street, northwest corner of Grinnell
Water street, northwest corner of Potomska
Water street, west side, south of Potomska, 266 feet.....
Water street, northwest corner of Rivet
Water street, southwest corner of Blackmer.....
Water street, northwest corner of Delano.....
Water street, west side, head of Gifford.....
Weld street, southeast corner of Mt. Pleasant.....
Weld street, southwest corner of State.....
Willard street, south side, west of Brock avenue, 580 feet....
Willard street, south side, east of West French ave., 101 feet..
William street, southwest corner of Bethel.....
William street, southwest corner of Second
William street, southwest corner of Purchase
William street, southwest corner of Sixth.....
William street, southwest corner of Eighth
Willis street, southwest corner of Acushnet avenue
Willis street, southwest corner of Purchase
Willis street, southeast corner of Pleasant.....
Willis street, southwest corner of State.....
Willis street, southwest corner of County.....
Willis street, southwest corner of Cottage
Willis street, south side, west of Cedar, 200 feet.....
Willow street, southwest corner of Cottage
Willow street, south side, west of Cedar, 224 feet

FIRE DEPARTMENT.

Willow street, southeast corner of Shawmut avenue.....	
Wing street, southwest corner of Fourth	
Wing street, southwest corner of Sixth	
Winsor street, south side, west of County, 455.5 feet.....	
Winsor street, southeast corner of Crapo	
Wood street, south side, west of Acushnet avenue, 866 feet ...	
Woodlawn street, south side, west of Brock avenue, 636 feet ..	
Woodlawn street, south side, east of West French ave., 134 feet	
Number of flush hydrants.....	104
Number of post hydrants	665
Total number of hydrants.....	769

Location of Reservoirs.

Durfee street, southeast corner of Shawmut avenue.
Linden street, northeast corner of Ashland.
Franklin street, southwest corner of State.
Willis street, northeast corner of State.
Campbell street, west side of Purchase.
Smith street, southeast corner of Cottage.
Pleasant street, between Maxfield and Sycamore.
County street, southeast corner of Maxfield.
Pleasant street, southwest corner of North.
Chestnut street, between Mill and North.
Middle street, near southeast corner of Purchase.
Middle street, west of Grammar School.
County street, front of M. E. Church.
North Second street, northwest corner of William.
City Hall Square, west of hall.
Court street, near head of Orchard.
School street, northwest corner of Fourth.
South Second street, northwest corner of Walnut.
South Sixth street, northwest corner of Walnut.
Orchard street, east side, below Hawthorn.
Russell street, between County and Sixth.
Acushnet avenue, southeast corner of Cannon.
Bedford street, southeast corner of Fifth.
South Sixth street, southwest corner of Wing.
Acushnet avenue, southeast corner of Grinnell.
Washington street, northeast corner of Crapo.

FIRE DEPARTMENT.

**CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
February 26, 1903.**

Received, ordered printed in the City Documents,
and sent down for concurrence.

WILLIAM S. COOK, Ass't City Clerk.

**IN COMMON COUNCIL,
February 26, 1903.**

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 6.

ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

CITY OF NEW BEDFORD.

TOGETHER WITH THE
SUPERINTENDENT'S ANNUAL REPORT
FOR THE YEAR 1902.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

IN SCHOOL COMMITTEE.

January 2, 1903.

***Voted*, That the Secretary prepare the Annual Report of the School Board for the year 1902, and that 2,500 copies of the same be printed.**

Report of the Secretary.

By direction of the School Committee, I submit to our fellow citizens the following report for the year 1902.

STATISTICS.

I. POPULATION AND VALUATION.

The population of the city (census of 1890) was	40,705
The population of the city (census of 1895) was	55,251
The population of the city (census of 1900) was	62,442
Valuation of the taxable property (1902) was	\$61,964,450
School houses and lots,	1,077,109
Other school property,	79,500

II. APPROPRIATION.

Rate of taxation,	\$17.40
Amount for school purposes, not including new buildings,	227,976.22
Ratio of ordinary expenses of day schools to whole tax, (exclusive of payments on city debt and interest on the same, also appropriation to library)	.201

III. SCHOOL CENSUS.

School census, September 1901, (children between five and fifteen years of age),	11,302
School census, September, 1902, (children between five and fifteen years of age),	11,840
Increase as shown by the returns,	538

SCHOOL REPORT.

SCHOOL CENSUS BY WARDS.

	1901.	1902.		
Ward One,	3,071	3,335	increase	264
Ward Two,	1,544	1,451	decrease	93
Ward Three,	841	879	increase	38
Ward Four,	832	820	decrease	12
Ward Five,	1,440	1,536	increase	96
Ward Six,	3,574	3,819	increase	245

Location of children between five and fifteen years of age, as to school attendance, as reported by the census enumerators.

	Attending Public Schools.	Attending Private Schools.	Attending No School.
Ward One,	1,657	1,483	185
Ward Two,	844	589	18
Ward Three,	671	163	45
Ward Four,	756	56	8
Ward Five,	1,265	127	144
Ward Six,	2,653	688	478

Children reported as attending no school are presumably those who are between five and seven years of age, and those over fourteen who have completed their school requirements.

IV. SCHOOL ORGANIZATION.

High School,	1
Normal and Training school for teachers,	1
Grammar schools,	5
Primary schools,	15
Kindergartens,	3
Mixed school—Grammar and Primary,	1
Ungraded schools,	5
Cooking school,	1
Manual Training school,	1

V. SCHOOL BUILDINGS.

Occupied by the schools,	27
Buildings hired for school purposes,	2

SCHOOL REPORT.

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Rooms used for school purposes (day schools) including halls and recitation rooms.

High school,	17
Normal and Training school,	11
Grammar schools,	68
Primary schools,	121
Ungraded schools,	9
Manual Training school,	1
Cooking school,	1
Kindergartens,	3
Rooms unoccupied,	10
 Total,	 236
Rooms used for both day and evening schools,	45

VI. SEATS.

	Seats Occupied.	Seats Unoccupied.
High school.	477	
Normal and Training school,	432	9
Grammar schools,	2,213	528
Primary schools,	4,770	895
Ungraded schools,	242	121
Kindergartens,	35	15

VII. TEACHERS.

Whole number in service, 1902 :

High school,	18
Normal and training school: Regular teachers,	8
" " " Pupil teachers, seniors,	13
Grammar schools,	64
Primary schools,	121
Kindergartens,	6
Country schools (ungraded),	10
Special teachers,	9
Regular substitutes,	2
Evening High school,	7
Evening Drawing school,	4
Evening Elementary schools,	77
 Total,	 339

SCHOOL REPORT.

DEPARTMENT OF PUBLIC SCHOOLS.

REPORT FOR YEAR BEGINNING SEPTEMBER 9, 1901, ENDING JUNE 27, 1902.

NAME OF SCHOOL.		Total enrollment for year.	Average daily attendance.	Per cent. of attendance.	No. cases of truancy.	No. cases of tardiness.	No. cases of absence.	No. cases of truancy.	No. cases of tardiness.	No. cases of absence.	No. visits by committee.	No. visits by superintendent.	No. visits by parents and others.	Total number of sessions.			
1	High.	477 189	422 410	97.1	295 1409	373 341	8 11	38 48	18 74	18 1	30 401	30 38	20 18	30 401	188		
2	Harrington Training.	445 227	218 414	383 388	86.0	11,706 1275	1275 341	— 11	— 48	— 74	— 1	— 18	— 38	— 38	— 376		
3	John H. Clifford Grammar, Fifth Street Grammar,	158	180	94.6	6217	218	104	7	4	10	6	39	14	189	378		
4	Robert C. Ingraham Grammar,	248	225	93.6	10,064	1159	1036	30	26	4	88	12	822	1	378		
5	Middle Street Grammar,	302	301	92.7	13,057	439	292	32	31	8	63	20	623	378	378		
6	Parker Street Grammar,	218	242	920	338	94.7	8506	684	686	24	61	63	16	24	380	2	878
7	William H. Taylor Grammar,	292	383	653	936	97.4	6298	159	234	4	204	4	20	6	440	2	867
8		47	40	67	63	94.0	1870	40	149	7	68	2	8	7	35	378	378
		2586	1821	2291	2173	94.8	44,486	2674	2687	97	119	405	34	175	61	1869	5

SCHOOL REPORT.

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9	Acuahnet Avenue Primary,	273	358	450	450	407	90.4	16,411	866	3168	10	89	4	8	7	24	878
10	J. W. Benjamin Primary,	833	836	618	480	92.6	14,876	625	10,306	10	9	86	1	35	2	2	34
11	Cannoville Primary,	43	33	66	61	92.4	1941	175	40	3	19	31	2	19	16	116	878
12	Cedar Street Primary,	187	80	904	187	91.6	8470	456	123	8	19	31	2	19	16	116	878
13	Cedar Grove Street Primary,	494	350	692	486	90.5	21,395	794	3882	37	47	187	8	39	21	28	2
14	Clark Street Primary,	148	138	245	224	91.0	7084	820	90	1	7	23	2	46	23	46	878
15	John H. Clifford Primary,	14	17	38	32	88.8	1486	91	3	1	1	2	3	9	8	9	878
16	Dartmouth Street Primary,	176	134	284	287	83.0	6451	280	182	3	85	25	1	12	10	108	878
17	George H. Dunbar Primary,	162	220	251	251	90.6	10,931	234	2123	15	88	104	1	17	23	32	877
18	Thomas A. Greene Primary,	187	317	986	90.3	11,678	791	250	51	9	2	23	1	136	878	878	
19	Sylvia Ann Howland Primary,	124	211	180	88.5	7941	963	290	7	19	16	1	15	1	15	1	187
20	Horatio A. Kempton Primary,	117	224	211	94.1	4798	174	255	7	97	1	23	11	153	153	878	
21	Merrimac Street Primary,	139	137	315	192	88.3	8606	683	4437	9	8	21	1	15	1	62	878
22	Phillips Avenue Primary,	121	208	167	226	90.1	9685	845	3849	8	7	10	23	23	2	96	878
23	William H. Taylor Primary,	183	174	382	305	91.8	10,375	464	3210	14	31	21	8	37	13	84	878
24	Thompson Street Primary,	107	97	188	90.8	6858	341	499	13	38	325	6	9	5	178	878	
		<u>5474</u>	<u>3618</u>	<u>4618</u>	<u>4314</u>	<u>91.0</u>	<u>158,345</u>	<u>7128</u>	<u>40,110</u>	<u>170</u>	<u>405</u>	<u>889</u>	<u>57</u>	<u>296</u>	<u>133</u>	<u>1544</u>	<u>2</u>
		<u>2958</u>	<u>3618</u>	<u>4618</u>	<u>4314</u>	<u>91.0</u>	<u>158,345</u>	<u>7128</u>	<u>40,110</u>	<u>170</u>	<u>405</u>	<u>889</u>	<u>57</u>	<u>296</u>	<u>133</u>	<u>1544</u>	<u>2</u>
26	Acushnet School,	61	59	102	95	98.1	2710	116	59	2	3	11	1	16	1	16	878
27	North Plainville,	26	11	32	31	91.4	1223	61	33	5	4	4	1	4	1	4	834
28	Rockdale,	16	6	13	12	98.3	458	29	18	3	4	2	1	4	1	4	834
29		19	21	37	36	97.2	2016	179	36	9	4	2	1	7	2	17	879
		<u>219</u>	<u>97</u>	<u>187</u>	<u>175</u>	<u>98.6</u>	<u>6408</u>	<u>885</u>	<u>141</u>	<u>32</u>	<u>10</u>	<u>8</u>	<u>24</u>	<u>23</u>	<u>217</u>		
		<u>122</u>	<u>97</u>	<u>187</u>	<u>175</u>	<u>98.6</u>	<u>6408</u>	<u>885</u>	<u>141</u>	<u>32</u>	<u>10</u>	<u>8</u>	<u>24</u>	<u>23</u>	<u>217</u>		
		<u>85</u>	<u>14</u>	<u>61</u>	<u>56</u>	<u>91.8</u>	<u>1901</u>	<u>130</u>	<u>655</u>	<u>11</u>	<u>83</u>	<u>13</u>	<u>2</u>	<u>4</u>	<u>4</u>	<u>4</u>	<u>378</u>
30	South Mill.	71	81	111	80	81.0											
31	Cedar Street Kindergarten,	23	30	36	30	88.3	1063	98									
32	Cedar Grove Street Kindergarten,	29	28	84	27	79.4	1224	69	6								
33	Thomas A. Greene Kindergarten,	28	23	41	33	80.4	1493	150	8								
		<u>161</u>	<u>81</u>	<u>111</u>	<u>80</u>	<u>81.0</u>	<u>3780</u>	<u>317</u>	<u>14</u>	<u>12</u>	<u>1</u>	<u>15</u>	<u>4</u>	<u>124</u>	<u>124</u>	<u>124</u>	
		<u>80</u>	<u>81</u>	<u>111</u>	<u>80</u>	<u>81.0</u>	<u>3780</u>	<u>317</u>	<u>14</u>	<u>12</u>	<u>1</u>	<u>15</u>	<u>4</u>	<u>124</u>	<u>124</u>	<u>124</u>	
		<u>8447</u>	<u>837</u>	<u>8104</u>	<u>7501</u>	<u>92.5</u>	<u>258,886</u>	<u>18,318</u>	<u>44,911</u>	<u>293</u>	<u>637</u>	<u>1445</u>	<u>119</u>	<u>568</u>	<u>260</u>	<u>4398</u>	<u>10</u>
		<u>4810</u>	<u>14837</u>	<u>8104</u>	<u>7501</u>	<u>92.5</u>	<u>258,886</u>	<u>18,318</u>	<u>44,911</u>	<u>293</u>	<u>637</u>	<u>1445</u>	<u>119</u>	<u>568</u>	<u>260</u>	<u>4398</u>	<u>10</u>

DEPARTMENT OF PUBLIC SCHOOLS.

EVENING ELEMENTARY SCHOOLS. REPORT FOR TERM BEGINNING OCTOBER 7,
1901, ENDING DECEMBER 11, 1901.

NAME OF SCHOOL.	Total enrollment for term.		Boys.	Girls.	Average daily attendance.	Average daily attendance at recitation.	Per cent. of attendance.	Total nights absence.	No. classes of truancy.	No. cases of truancy.	No. cases of absences.	Teacher was absent.	Times teacher was ready.	No. visits by spectators.	No. visits by members of committee.	
	Boys.	Girls.														
John Henry Clifford,	406	262	474	366	77.2	2,173	75	5	4	2	8	51	20 nights.			
Fifth Street,	298	198	296	240	80.2	1,183	85						20 nights.			
Robert C. Ingraham,	454	228	411	316	78.8	1,815	184						18	20 nights.		
Parker Street,	210	124	197	168	82.7	682	12						1	2	20 nights.	
Phillips Avenue,	98	88	86	62	72.0	483	28									
			<u>2,287</u>	<u>1,701</u>	<u>1,467</u>	<u>1,147</u>	<u>78.1</u>	<u>6,436</u>	<u>404</u>	<u>5</u>	<u>8</u>	<u>5</u>	<u>9</u>	<u>71</u>		
Grand totals,	1,446	1	701													

SCHOOL REPORT.

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EVENING ELEMENTARY SCHOOLS—Continued.

REPORT FOR TERM BEGINNING DECEMBER 30, 1901, ENDING
FEBRUARY 18, 1902.

NAME OF SCHOOL.	Total enrollment for term		Average percentage below grade.	Average percentage attendance.	Per cent of tardiness.	Total nights absence.	No. cases of absences.	No. cases of dismissals.	Nights teacher was absent.	No. visitors by committee.	Supervised by committee.	No. visitors by committee.
	Boys.	Girls.										
John Henry Clifford, Fifth Street.	223	157	324	228	70.4	1,527	96	6	7	4	16 nights.	
Robert C. Ingraham, Parker Street.	988	113	842	186	76.4	928	106	17	10	7	16 nights.	
Phillips Avenue.	87	67	817	233	73.5	1,388	977	7	2	20	16 nights.	
	58	38	144	120	88.3	827	70.4			16 nights.	16 nights.	
			71	60							16 nights.	
Grand totals,	807	1,341	834	1,098	816	74.3	4,488	209	7	26	10	31

DEPARTMENT OF PUBLIC SCHOOLS.

EVENING DRAWING SCHOOL. REPORT FOR TERM BEGINNING OCTOBER 22, 1901, ENDING DECEMBER 20, 1901.

Total enrollment for term.	Boys.	Girls.	Av. number belonging.	Av. nightly attendance.	Per cent. of attendance.	Total nights absence.	
	92	7	73	69	80.8	243	17 nights.

EVENING DRAWING SCHOOL—*Continued.*

**REPORT FOR TERM BEGINNING JANUARY 3, 1902, ENDING
MARCH 14, 1902.**

		Total enrollment for term.	Av. number belonging.	Av. nightly attendance.	Per cent. of attendance.	Total nights absence.	
Boys.	Girls.						
66	3	69	61	47	77.0	810	21 nights.

SCHOOL REPORT.**DEPARTMENT OF PUBLIC SCHOOLS.****EVENING HIGH SCHOOL.**

Report for term beginning October 7, 1901, ending December 11, 1901.		Total enrollment for term.	Average No. belonging.	Average nightly attendance.	Per cent. of attendance.	Total nights absence.	No. cases of tardiness.	No. cases of dismissal.	No visits by superintendt.
Boys.	Girls.								
52	65	117	94	71	75.5	670	87		
									29 nights.
Report for term beginning December 30, 1901, ending February 19, 1902.		65							
29	86	111	82	49	79.0	830	21	9	1 24 nights.

DEPARTMENT OF PUBLIC SCHOOLS.

COOKING SCHOOL. REPORT FOR YEAR BEGINNING SEPT. 9, 1901, ENDING JUNE 27, 1902.

NAME OF TEACHER.	Total enrollment for year. Girls.	AV. ATTENDANCE		AV. ATTENDANCE		ATTENDANCE		TOTAL NUMBER ABSENCE		NUMBER OF CLASSES		HOURS OF LESSON		TEACHER WAS ABSENT.		NO. OF VISITS BY SUPERINTENDENT.		NO. OF VISITS BY MEMBERS OF COMMITTEE.		COMMITTEE.		
		239	294	275	275	18	373	183.5	183.5	10	1	8	8	8	8	8	8	8	8	8	8	
S. Agnes Donham,																						

SCHOOL REPORT.

DEPARTMENT OF PUBLIC SCHOOLS.

MANUAL TRAINING SCHOOL. REPORT FOR YEAR BEGINNING SEPTEMBER 9, 1901,
ENDING JUNE 27, 1902.

NAME OF TEACHER.	Total enrollment for year.	Average number below R. I. G.	Average attendance.	Per cent. of attendance.	No. classes of students.	No. cases of truancy.	No. superintendents by grade.	No. of visitors by members of committee.	No. of visitors by members of committee.
	Boys.	Boys.	Boys.	Boys.	Boys.	Boys.	Boys.	Boys.	Boys.
Edwin R. King.	563	482	460	85.4	48	42	17	1	8
									4
									384 sessions.

PRIVATE AND PAROCHIAL SCHOOLS.

	1902.	1901.		
Enrollment of pupils,	3,641	3,747	decrease	106
Average number belonging,	3,077	3,196	decrease	119
Average daily attendance,	2,815	2,942	decrease	127
Per cent. daily attendance,	91.4	92.0	decrease	.6

PUBLIC, PRIVATE AND PAROCHIAL SCHOOLS.

	1902.	1901.		
Enrollment of pupils,	13,088	12,540	increase	548
Average number belonging,	11,181	10,804	increase	377
Average daily attendance,	10,816	9,957	increase	859
Per cent. daily attendance,	92.2	92.1	increase	.1

COST OF INSTRUCTION PER SCHOLAR BY SCHOOLS.

In this connection, the cost of instruction per scholar is based upon the average number belonging to each school during the year, and the amount expended for the hire of teachers, fuel, care of schoolhouses, books and supplies, (except those furnished from the income of the Sylvia Ann Howland fund and Dog fund,) the term, "care of schoolhouses" including only the salaries of janitors.

Elsewhere in the report is given the cost, by departments, of each pupil, based on the average number belonging and the total amount expended for the maintenance of each department during the year. This last computation furnishes the basis upon which tuition of non-residents will be collected.

TABLE I. The average cost of a High school pupil,

	\$55.63
Grammar school pupil,	25.51
Training school pupil,	27.81
Primary school pupil,	18.57
Kindergarten pupil,	31.53
Ungraded school pupil,	34.94
Elementary Evening school pupil,	3.22
Evening High school pupil,	13.41
Evening Drawing school pupil,	7.92
Day school pupil,	23.63

TABLE II. The average cost per pupil by departments, based on the average number belonging and the total expenditures for each department, not including the expenditures from the Howland fund or Dog fund, was as follows:

High school,	\$61.08
Harrington Normal and Training school,	31.26
Grammar schools,	28.95
Primary schools,	21.02
Kindergartens,	33.30
Ungraded schools,	48.23
Evening Elementary schools,	3.64
Evening High school,	15.27
Evening Drawing school,	8.42
Cooking school,	3.98
Manual Training school,	4.25
Average cost of a day school pupil,	26.87
Average cost of an evening school pupil, including drawing school,	4.52

RECEIPTS AND EXPENDITURES FOR 1902.

RECEIPTS.

General and special appropriations as follows:

For teachers' salaries,	\$166,000.00
For incidentals (including salaries of officers, janitors, books, supplies, etc.),	60,000.00
For repairs of buildings,	8,000.00
Furnishing Parker Street schoolhouse,	3,500.00
	\$237,500.00

EXPENDITURES.

For teachers' salaries:

Day schools,	\$155,207.01
Evening schools,	5,927.50
For salaries: Superintendent, clerks, truant officers and janitors,	\$26,567.98
For books and supplies,	11,400.19
For lighting,	970.08
For fuel,	8,247.14
For janitors' supplies,	815.17
For printing and advertising,	1,210.60
For Cooking school,	255.94
For Manual Training school,	322.68
For freight and carting,	479.13
For miscellaneous expenses (including rent, school furniture, washing towels, etc.),	8,242.84
For repairs of buildings,	7,210.34
For furnishing Parker St. schoolhouse,	1,119.67
	\$227,976.22

Summary:

Receipts,	\$237,500.00
Expenditures,	227,976.22
Balance,	\$9,523.78

Received from the following sources and credited to
Unappropriated Funds:

Non-resident pupils,	\$1,709.10
Sale of books and supplies,	55.00

DOG FUND.

Balance, December 1, 1901,	\$2,020.46
Received, February, 1902,	1,553.94
Expenditures,	83,574.40
	776.89
	<hr/>
	\$2,797.51

EXPENDITURES BY DEPARTMENTS.

High school:

Salaries,	\$19,580.09
Text books,	762.33
Stationery,	1,343.75
Janitor's salary,	1,146.80
Fuel,	647.43
Ordinary repairs,	145.83
Proportion of ordinary expenses,	2,153.20
Books and supplies from income of Howland fund,	\$25,729.43
	51.43

Harrington Normal and Training school:

Salaries,	\$9,181.01
Text books,	336.75
Stationery,	156.49
Janitor's salary,	840.40
Fuel,	976.18
Ordinary repairs,	760.48
Proportion of ordinary expenses,	668.20
Books and supplies from income of Howland fund,	\$12,919.51
	113.79

Grammar schools:

Salaries,	\$48,301.71
Text books,	2,788.30
Stationery,	1,256.46
Janitors' salaries,	4,453.93
Fuel,	1,410.04
Ordinary repairs,	1,387.14
Proportion of ordinary expenses,	6,506.01
Books and supplies from income of Howland fund,	\$66,103.59
	1,189.49

Primary schools:

Salaries,	\$67,997.47
Text books,	885.66
Stationery,	1,834.96
Janitors' salaries,	10,009.27
Fuel,	4,818.36
Ordinary repairs,	3,809.80
Proportion of ordinary expenses,	7,387.26
Books and supplies from income of Howland fund,	\$96,742.78 447.27

Ungraded schools:

Salaries,	\$7,050.21
Text books,	210.22
Stationery,	148.21
Janitors' salaries,	1,034.65
Fuel,	187.47
Ordinary repairs,	1,044.37
Proportion of ordinary expenses,	2,251.94
Books and supplies from income of Howland fund,	\$11,927.07 25.80

Manual Training (Sloyd school:—also included in Grammar schools.)

Salary,	\$1,600.00
Supplies,	23.74
Proportion of ordinary expenses,	322.68

Cooking school:—(also included in Grammar and High schools.)

Salary,	\$800.00
Supplies,	15.80
Proportion of ordinary expenses,	255.94
Books from income of Howland fund,	\$1,071.74 29.27

Evening Elementary schools:

Salaries,	\$4,254.50
Text books,	60.72
Stationery,	60.77
Janitors' salaries,	364.00
Lighting,	283.78
Proportion of ordinary expenses,	327.50

Evening Drawing school:	
Salaries,	\$571.50
Stationery,	6.96
Proportion of ordinary expenses,	36.35
	\$614.81

Evening High school:	
Salaries,	\$1,101.50
Books,	30.92
Stationery,	28.49
Janitor's salary,	100.00
Lighting,	139.97
Proportion of ordinary expenses,	36.35
	\$1,537.23

SYLVIA ANN HOWLAND EDUCATIONAL FUND.

Balance of income on hand Dec. 2, 1901,	\$630.76
Interest for the year,	8,000.00
	<hr/>
	\$3,630.76
Expenditures for the year,	2,099.08
	<hr/>
Balance, Dec. 1, 1902,	\$1,531.68

Disbursements to the several schools, and otherwise,
are as follows:

High school,	\$51.43
Harrington Normal and Training school,	113.79
John H. Clifford Grammar school,	295.35
Fifth Street Grammar school,	269.50
Robert C. Ingraham Grammar school,	365.02
Middle Street Grammar school,	96.08
Parker Street Grammar school,	163.54
Acushnet Avenue Primary school,	56.90
I. W. Benjamin Primary school,	20.58
Cedar Grove Street Primary school,	9.11
Cedar Street Primary school,	48.94
Clark Street Primary school,	36.51
Cannonville Primary school,	2.75

Dartmouth Street Primary school,	3.60
George H. Dunbar Primary school,	33.46
Thomas A. Greene Primary school,	8.50
Sylvia Ann Howland Primary school,	7.77
Horatio A. Kempton Primary school,	127.29
Merrimac Street Primary school,	1.50
Phillips Avenue Primary school,	39.08
Thompson Street Primary school,	46.04
William H. Taylor school,	8.80
Mary B. White Primary school,	1.19
Acushnet school,	14.06
North school,	2.31
Plainville school,	2.31
Rockdale school,	4.81
South Mill school,	2.81
Cooking school,	29.27
Office,	4.50
Pedagogical library,	19.17
Care of pianos and organs,	102.00
Sewing department,	66.47
Lectures,	40.00
Miscellaneous,	10.19
	<hr/>
	\$2,099.08

DETAILED STATEMENT.

Outlay of the School Committee from the income of the Sylvia Ann Howland fund, from Dec. 2, 1901, to Dec. 1, 1902.

BOOKS AND PERIODICALS.

American Book Co.,	\$291.24
Babb, Edward E. & Co.,	53.53
Boston School Supply Co.,	1.92
Century Publishing Co.,	20.00
Castor, T. H. & Co.,	8.40
Ditson Co., Oliver,	.90
Educational Publishing Co.,	46.59

Fords, Howard and Hulbert,	25.00
Ginn & Co.,	205.87
Grumiaux's, F. W., Newspaper Agency,	2.55
Heath, D. C. & Co.,	71.92
Houghton, Mifflin & Co.,	154.27
Hutchinson, H. S. & Co.,	24.43
Home Science Publishing Co.,	4.27
Huntley, C. S. & Co.,	12.50
Hammett, J. L. Co.	2.70
Kent, Charles A.,	.50
Longmans, Green & Co.,	110.01
Lee & Shepard,	6.84
Mason, Perry & Co.,	91.38
Morse Co., The,	28.25
Miller, Samuel E.,	5.00
New England Publishing Co.,	2.50
Scribner's Sons, Charles,	2.50
Silver, Burdett & Co.,	95.98
Sanborn, Benjamin H. & Co.,	8.47
Taber, R. W.,	12.10
Werner School Book Co.,	6.00
	\$1,290.57

PEDAGOGICAL LIBRARY.

American Book Co.,	\$2.32
Barnes, Earl,	1.50
Comstock, Wm. T.,	3.20
Educational Review,	3.00
Heath, D. C. & Co.,	.90
Journal of Pedagogy,	1.50
Nye, Phila C.,	8.00
Small, Willard,	.95
Teachers College Record,	2.80
	\$19.17

MUSIC DEPARTMENT.

Emerson, Charles P.,	\$2.00
Peirce, George,	116.50

ART DEPARTMENT.

Allen, Asa L. H.,	\$8.00
Crowell, A. B.,	182.05

SCHOOL REPORT.

23

Caproni, P. P. & Bro.,	86.37
Cobb, C. E. & Co.,	17.00
Foster Bros.,	27.00
Pierce, Wm. H. & Co.,	44.00
Sherman, R. A. & Son,	5.91
Tillinghast, Ada W.,	32.50
	\$402.83

SEWING DEPARTMENT.

Donovan, Mary E.,	\$1.50
Hillman, Washburn & Co.,	15.62
Haskell & Tripp,	7.59
Johnson, C. F.,	16.50
Ruggles & Ellison,	23.16
Wright, J. Smithson,	2.10
	\$66.47

APPARATUS.

Colt, J. B. Co.,	\$125.40
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LECTURES.

Tomlins, Wm. C.,	\$40.00
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MISCELLANEOUS.

American Book Co.,	\$.33
Ginn & Co.,	.19
Heath, D. C. & Co.,	6.19
Journal of Pedagogy,	.10
Longmans, Green & Co.,	1.30
Silver, Burdett & Co.,	.25
Sullivan & Markey,	27.78
	\$36.14
Total,	\$2,099.08

TEXT BOOKS AND SUPPLIES.

STATEMENT.

Cost of books and supplies purchased during 1902,	\$11,400.19
Cost of books and supplies in stock Dec., 17, 1901,	3,375.99
	\$14,776.18

Cost of books and supplies charged to school in 1902,		\$10,022.88
Cost of books and supplies in stock, Dec. 1, 1902,		4,718.35
Cash receipts from the sale of books and supplies,		55.00
		<hr/>
		\$14,776.18

The cost in detail of books and supplies furnished the several schools for the year 1902 is as follows:

	<i>Books.</i>	<i>Supplies.</i>	<i>Total.</i>
High,	\$762.33	\$1,343.75	\$2,106.08
Harrington Training,	336.75	156.49	493.24
John Henry Clifford Grammar,	336.75	172.42	409.17
Fifth Street	501.82	219.88	721.70
Robert C. Ingraham	1,007.20	350.74	1,357.94
Middle Street	548.66	234.93	783.59
Parker Street	898.87	278.49	672.36
Acushnet Avenue Primary,	86.77	108.70	190.47
I. W. Benjamin	" 79.65	201.93	281.58
Cannonville	" 11.88	42.06	53.89
Cedar Street	" 48.70	41.18	89.88
Cedar Grove Street	" 73.18	800.69	374.87
Clark Street	" 82.02	82.34	164.36
Dartmouth Street	" 44.12	106.63	150.75
George H. Dunbar	" 34.93	110.32	145.25
Thomas A. Greene	" 66.27	80.34	146.61
Sylvia Ann Howland	" 35.69	101.03	136.72
Horatio A. Kempton	" 28.30	189.77	218.07
Merrimac Street	" 48.25	77.66	125.91
Phillips Avenue	" 39.31	119.01	158.32
Thompson Street	" 68.72	94.40	163.12
Mary B. White	" 35.09	47.17	82.26
William H. Taylor, Grammar and Primary,	102.83	136.73	239.56
South Mill school,	33.25	7.46	40.71
Acushnet "	100.99	82.60	183.59
North "	29.74	22.17	51.91
Plainville "	17.60	8.52	26.12
Rockdale "	28.64	27.46	56.10
Cedar Street Kindergarten		14.26	14.26
Cedar Grove Street "		27.83	27.83
Thomas A. Greene "		15.00	15.00
John H. Clifford Evening,	8.50	22.28	30.78

Fifth Street	Evening	\$32.04	\$3.56	\$35.60
R. C. Ingraham	"	12.50	11.06	23.56
Parker Street	"	.....	1.68	1.68
Phillips Avenue	"	7.68	12.19	19.87
Evening High,		30.92	28.49	59.41
Evening Drawing,		.....	6.96	6.96
Cooking,		.....	15.80	15.80
Manual Training,		.....	23.74	23.74
Sewing Department,		.....	1.64	1.64
Office,		.....	3.57	8.57
		<hr/>	<hr/>	<hr/>
		\$5,074.90	\$4,927.93	\$10,002.83

The average cost per pupil in the different departments of the schools, for text-books and supplies, has been as follows:

High school,	\$4.99
Harrington school,	1.19
Grammar schools,	1.76
Primary schools,	.58
Ungraded schools,	1.44
Average for day schools,	1.23
Average for Evening High school,	.68
Average for Evening Elementary schools,	.75
Average for Evening Drawing school,	.09

These figures do not show the actual cost per pupil for text-books and supplies, but the expenditure per pupil from amount raised by taxation. All musical instruments, supplementary readers, reference books, and certain kinds of apparatus are purchased from the income of the Sylvia Ann Howland fund. The actual cost per pupil for text-books and supplies used in instruction would, therefore, be the above figures increased by the amount per pupil expended from the income of the trust fund.

THE SCHOOL CENSUS.

The school census was taken in the month of September, as required by the laws of the State. This census includes children between the ages of five and fifteen only. The returns show an increase of 538 children in the city for the year within the ages enumerated. Last year the returns showed a decrease of fourteen from the previous year. It may be that there was a reaction in the growth of the city between the years 1900 and 1901, followed by a large growth in 1902. But statistics of attendance in the schools indicate rather a steady growth in the population. I can only account for the discrepancy by charging it to the lack of thoroughness in taking the census in certain wards in the fall of 1901. I realize the difficulties attending the taking of the census, the chief among which is the inability of many parents to speak English. Any doubt thrown on the accuracy of the census is to be deplored, and great effort should be made to secure improvement in the future.

Of the 11,840 children between the ages of five and fifteen reported as residing in the city last September, 7,846 were attending the public schools, 3,106 were attending private or parochial schools, and 888 were not attending any school. The compulsory school age is from seven to fourteen. The 888 children not attending school were those between the ages of five and seven and between fourteen and fifteen. The great majority of children who do not attend school between five and seven are unfortunately those of foreign parentage, and, as a rule, of the most ignorant kind. They are the very children who should be in school at the earliest permissible age, as they, as a rule, are the first to leave school to go to work.

RECEIPTS AND EXPENDITURES FOR THE YEAR 1902.

The School Committee requested an appropriation for the year of \$253,251.50. The City Council granted \$237,500. There was expended \$227,996.22, and the balance, \$9,523.78, was returned to the city treasury.

The question may well be asked why the Committee should ask for a sum that was apparently much larger than was needed, as shown by the difference between the amount asked for and the amount expended; and I will give the explanation.

The request of the School Committee and the appropriation of the City Council are made under three heads in conformity with the Statutes and the City Ordinances.

They are as follows: 1, Pay of Teachers; 2, Incidentals; 3, Repairs of Buildings.

The request for Pay of Teachers was \$166,000; the amount granted was \$166,000. The amount expended was \$161,134.51.

The request for Incidentals was \$60,000; the amount granted was \$60,000, and the amount expended was \$58,511.70.

The request for Repairs of Buildings was \$21,600; the amount granted was \$8,000. The amount expended was \$7,210.34.

The balance in the first account was caused by the employment of less teachers than seemed to be necessary at the beginning of the year, as the increase in pupils was smaller than estimated by reason of the opening of another parochial school and some other causes.

The balance in the second account was caused by the coal strike chiefly. Contracts for coal are usually made in the summer, and the bins of the schools filled for the succeeding winter. The coal bill is between \$14,000 and \$15,000. Owing to the strike, coal was only purchased

as needed; soft coal was substituted for hard, and the expenditure for fuel appears in the accounts of the year for two months instead of seven as usual. This will cause an abnormal increase in the fuel account for 1903.

The balance in the third account was caused by reason of the inability of the Committee to undertake some contemplated improvements, because so small a percentage of the amount asked for was granted.

The average cost per pupil for the day schools was \$27.28, as against \$31.00 the preceding year. The cost per pupil for the year 1901 was the largest in the history of the schools. This was caused, as explained then, by the large expenditure for school furniture in equipping new buildings and renewing the heating apparatus in several schools.

There was little or none of this extraordinary expense for 1902. But had it not been for the small fuel account, the actual cost per pupil would have been nearly \$30.00. For the year 1903 the cost per pupil will be larger than for 1901. The increase in teachers' salaries and the large fuel account will cause this, if nothing else.

Respectfully submitted,

WM. E. HATCH,
Secretary.

SALARIES.

HIGH SCHOOL.

Principal,	Maximum salary, \$3,000
Sub-master,	" " 1,900
Science teacher,	" " 1,800
Classics and science teacher,	" " 1,600
Commercial teacher,	1,500
Lady assistants	1,000
Military instructor,	350

NORMAL AND TRAINING SCHOOL.

Principal,	Maximum salary, \$1,900
Vice-principal,	" " 1,200
Science teacher in Normal Dept., and supervisor in Primary grades,	" " 1,200
Regular assistants,	" " 675
Seniors, pupil teachers,	\$4 per week

GRAMMAR SCHOOLS.

Principals,	Maximum salary, \$1,900
Ninth grades,	" " 750
Eighth grades,	" " 675
Seventh grades,	" " 625
Sixth grades,	" " 625
Fifth grades,	" " 625

PRIMARY SCHOOLS.

Principals of buildings:

With 4 to 6 rooms occupied,	Maximum salary, \$700
" 6 " 8 "	" " 750
" 8 " 10 "	" " 800
" 12 "	" " 900
" 15 or more,	" " 950

Principals of buildings with number of rooms not specified in above list to be paid pro rata.

Assistants in all grades, " " 625

UNGRADED SCHOOLS.

ACUSHNET.		
Principal,		Maximum salary, \$900
Assistant with Seventh grade,	"	" 625
" " Fifth and Sixth grades,	"	" 625
" " First, Second, Third and Fourth grades,	"	" 625
ROCKDALE.		
Principal,	"	" 700
Assistant,	"	" 625
NORTH.		
Principal,	"	" 700
Assistant,	"	" 625
PLAINVILLE.		
Principal,	"	" 600
UNGRADED CITY SCHOOLS.		
Grammar grades,	"	" 650
Primary "	"	" 625

SUPERVISORS AND SPECIAL TEACHERS.

Supervisor of Music,			Maximum salary, \$1,900
" Drawing,	"	"	1,500
Teacher of French, Grammar grades,			" " 800
" Sloyd,	"	"	1,600
" Cooking,	"	"	800
" Sewing, supervisor,	"	"	650
" " assistants (full time),	"	"	550

The maximum salaries are paid only to such teachers as have taught at least three years and to whom such salaries are recommended to be paid by the proper sub-committees and the Committee on Salaries.

CALENDAR, 1903.

Winter term begins Dec. 29, 1902 ; ends March 27, 1903.

Summer term begins April 6, 1903 ; ends June 26, 1903.

Fall term begins Sept. 14, 1903 ; ends Dec. 18, 1903.

VACATIONS.

March 28, 1903, to April 6, 1903.

June 27, 1903, to Sept. 14, 1903.

Dec. 19, 1903, to Dec. 28, 1903.

HOLIDAYS.

Every Saturday; Washington's Birthday; Patriots' Day; Memorial Day; from Wednesday noon before Thanksgiving the remainder of the week.

SCHOOL SESSIONS.

High School : 8.30 a. m. to 1.30 p. m.

Grammar and Manual Training Schools : Morning session, 9 to 11.45 o'clock. Afternoon session, 1.30 to 3.45 o'clock, without recess.

Primary Schools and Kindergartens : Morning session, 8.45 to 11.45 o'clock, with 15 minutes' recess, except in inclement weather, when the schools will close at 11.25 o'clock, without recess. Afternoon session, 1.30 to 3.30 o'clock, with a recess of 10 minutes.

Ungraded Schools : Sessions as prescribed by the Committee on Ungraded Schools.

FIRE ALARM SIGNAL FOR NO SCHOOL.

The signal for no session is two strokes of the fire alarm once repeated (2-2.)

The signal for no session of the High School will be given at 7.30 o'clock a. m.

The signal for no session in all the other schools will be given at 8.15 o'clock a. m. for the morning session, and at 12.45 o'clock p. m. for the afternoon session.

1827-1902.

GRADUATION EXERCISES
NEW BEDFORD HIGH SCHOOL.AT THE NEW BEDFORD THEATRE,
FRIDAY, JUNE 27, 1902.
2.30 P. M.

PROGRAMME.

1. March—"The White Squadron," - *Theo. Tobani.*
Orchestra.
2. Prayer.
By the Rev. W. B. Geoghegan.
3. Salutatory.
Ada Moorhouse.
4. Overture—"Zampa," - - - - *Herold.*
Orchestra.
5. Oration—Patriotism and Partisanship.
William Obed Devoll, Jr.
6. Waltz—"Towjours Fidele," - *E. Waldteufel.*
Orchestra.
7. Original Declamation—"Zenobia at the Battle of
Antioch."
Margaret Clementine Gleason.
8. Selection from "Faust," - - - - *Gounod.*
Orchestra.
9. Valedictory—"Bringing Our Sheaves with Us."
Ruth Darling Beetle.

10. The Awarding of Diplomas and Bourne Prizes.

By Hon. F. A. Milliken,
Chairman of the High School Committee.

WINNERS OF THE JONATHAN BOURNE PRIZES.

First,	-	-	Augusta Wilder Pittman.
Second,	-	-	William Bertram Twiss.
Third,	-	-	Margaret Clementine Gleason.

11. Class Hymn, - Words by Augusta Wilder Pittman.
Music by Harold Talcott Sturtevant.

I.

What of the fate revealed alone by Time?
In answer clear we hear the tongues of bells;
"Naught tells the future bane of strife or crime;
The coming boon of peace or grace, naught tells."

CHORUS.

Naught tells, naught tells the secrets Time doth hide;
He wisely holds them far beyond our reach.
In this one faith let us rest satisfied;
If high our aim, then God will guide and teach.

II.

In eager tones, we ask the winds for truth;
A soft and gentle whisper lulls our fear;
"All faithful efforts earn rewards, O youth,
From him who 'cross the vale of years can peer."

III.

The voice of purling brooks dispels our care:
"O ye who yearn to look ahead, learn how
Thro' life to smile—in joy or grief, despair
Or hope—submissively your heads to bow."

IV.

The birds from heaven now sound this noble strain:
"By being, not appearing, know ye all
That ye the greatest good shall ever gain,
Since in the end base Fraud, not Truth, shall fall."

12. March—"The Storm King," - E. T. Paull.
Orchestra.

CLASS OF 1902.

"Esse Quam Videri."

POST GRADUATE.

Helen Adelaide Howland.

(Typewriting, Stenography and Bookkeeping.)

GRADUATES.

College and General Courses.

(Four Years.)

Louis Robinson Chadwick,	Jennie Louise Forsyth,
William Obed Devoll, Jr.,	Mary Alice Gilmartin,
Franciscus Thatcher Francis,	Margaret Clementine Gleason,
Manuel Henry Gonsalves,	Jeanette Greer,
Herbert Millman Harrison,	Charlotte Alice Higham,
Alexander Hicks,	Ella Rich Hillman,
John Patrick Norton,	Ellen Agnes Hurley,
Dennis Alphonsus Shea,	Helen Sophia Knowlton,
Frederic Alvah Shurtleff,	Alice Wade Lowther,
Frederic Edward Smith,	Mary Amelia Merser,
Charles Atsatt Sparrow,	Ada Moorhouse,
Killey Eldridge Terry, Jr.,	Sadie May Moulton,
William Bertram Twiss,	Katherine Martha O'Malley,
James Joseph Whelan,	Gladys Omey,
Winnifred Hunter Ashley,	Lizzie Alden Peirce,
Ruth Darling Beetle,	Bertha Elizabeth Piggott,
May Ursula Bruce,	Augusta Wilder Pittman,
Gertrude Margaret Cunningham,	Eva Ellsworth Schiwall,
Helen Louise Davies,	Lena Alice Spencer,
Florence Marion DeWolf,	Lena Montague Sullavou,
Elizabeth Agnes Downey,	Isabel Laird Swift,
Ida Belle Dunlap,	Mabel Brownell Taylor,
Louise Bridget Dupre,	Leola Grace Watson,
Anna Maria Ekdahl,	Clara Willis.

Commercial Course.

(Three Years.)

Frederick Lewis Doyle,	Emmie Eggers Aiken,
Herbert Clifton Leonard,	Elizabeth Brown Crowell,
Harold Talcott Sturtevant,	Lizzie Brownell Dayton,
James Arthur Taylor, Jr.,	Ethel Allen Macomber,
Emma Thornton Adams,	Mary Amelia Teixeira.

Special.

Lillian Gertrude Chace.

(Typewriting, Stenography and Bookkeeping.)

GRADUATING EXERCISES
GRAMMAR AND UNGRADED SCHOOLS.

NEW BEDFORD, MASS.

HALL OF THE ROBERT C. INGRAHAM SCHOOL,
JUNE 26, 1902, AT 2 30 O'CLOCK P. M.

PROGRAMME.

1. Prayer.
Rev. Walter B. Flanders.
2. Song—"O'er the Meadows," *Boyton Smith, arr.*
3. Composition—"The Long Keel."
Susie Maude Carter,
Middle Street School.
4. Composition—"The Value of the Study of History."
Susie Partington Bailey,
John H. Clifford School.
5. Compostion—"A Local Industry."
Mary Elizabeth Morrison,
Fifth Street School.
6. Song—"Weigenlied," - - - - *Frank.*
7. Discussion—"Our Duty Towards the Philippines."
David Lumiansky—Independence.
Samuel Edward Bentley—American Control.
Robert C. Ingraham School.
8. Composition—"What Does Success in Life Mean?"
Archibald Alexander Talmage,
Parker Street School.
9. Address to the Graduates.
Robert F. Raymond, Esq.

10. Presentation of Diplomas.

Mrs. Ada W. Tilinghast,
 Chairman Committee on Grammar Schools.
 Mr. John H. Lowe,
 Chairman Committee on Ungraded Schools.

11.—Song—“Heaven and the Earth Display,”

Mendelsshon's Athalie.
 Music conducted by Mr. Fred H. Butterfield,
 Supervisor of Music.

The Graduates are from the following Schools:

Grammar Schools.

Fifth Street—Mr. Allen F. Wood, Principal.
 Parker Street—Mr. Arthur F. Gilbert, Principal.
 Middle Street—Mr. Elwyn G. Campbell, Principal.
 John H. Clifford—Mr. Edward B. Gray, Principal.
 Robert C. Ingraham—Miss Alice C. Munsey, Principal.

Ungraded Schools.

Acushnet—Miss Annie C. Maxfield, Principal.
 Rockdale—Miss Lizzie M. Fisher, Principal.
 North—Miss Mary I. Ashley, Principal.

Total Number of Graduates.

Grammar Schools,	-	-	-	-	-	-	182
Ungraded Schools,	-	-	-	-	-	-	12
Grand total,	-	-	-	-	-	-	194

1889-1902.

**GRADUATING EXERCISES
HENRY F. HARRINGTON NORMAL AND
TRAINING SCHOOL.**

**AT THE ROBERT C. INGRAHAM SCHOOL,
Friday, December 12, 1902, 8 P. M.**

ORDER OF EXERCISES.

Prayer.

Rev. Percy Gordon.

Music—"Hand in Hand we Hasten," *Abt*

Thesis—"My Aquaria,"
Miss Moore.

Thesis—"Books of My Professional Library."
Miss Gidley

Music—"Ave Maria," *Mendelssohn*

Presentation of Diplomas.

William E. Hatch,
Superintendent of Schools.

Address.

William H. P. Faunce,
President Brown University.

Theses.

"An Ideal School: A Review,"	-	-	-	-	-	-	Miss Casey
"Books of My Professional Library,"	-	-	-	-	-	-	Miss Gidley
"Arithmetic,"	-	-	-	-	-	-	Miss Harwood
"Children of Other Lands,"	-	-	-	-	-	-	Miss Howland
"Habit,"	-	-	-	-	-	-	Miss Hunt
"Some Great Teachers,"	-	-	-	-	-	-	Miss Keith
"Writing,"	-	-	-	-	-	-	Miss King
"Tact,"	-	-	-	-	-	-	Miss Lloyd
"My Aquaria,"	-	-	-	-	-	-	Miss Moore

"Historical Landmarks of New Bedford,"	-	Miss Anna Rogers
"Poetry for Children,"	- - - - -	Miss Ethel Rogers
"Henry David Thoreau, John Burroughs and William Hamilton Gibson as Students of Nature,"	- - - - -	Miss Sequeira
"Means of Communication in the United States,"	-	Miss Sylvia

Graduates.

Emma Gertrude Casey,	Alice Gertrude Lloyd,
Annie Bertha Gidley,	Florence Elizabeth Moore,
Bessie Matilda Harwood,	Anna Christina Rogers,
Lucy Warner Howland,	Ethel May Rogers,
Carrie Jane Hunt,	Francisca Adaline Sequeira,
Annie Ritchie Keith,	Carolyn Beatrice Sylvia,
Laura May King,	Ethel Elma Clapp (out of course)

SCHOOL BOARD, 1902.

CHARLES S. ASHLEY, Mayor, Chairman, ex-officio.

FRANK A. MILLIKEN, Vice-Chairman.

WILLIAM E. HATCH, Secretary and Superintendent.

SAMUEL HIGHAM, President of Common Council,
ex-officio.

Ward 1—John H. Lowe, J. Frank Weeks, Frank R. Pease.

Ward 2—Lewis E. Bentley, Walter B. Flanders, Henry T. Corson.

Ward 3—Edgar B. Hammond, George W. H. Brownell, Stephen H. Shepherd.

Ward 4—Alex. Mc. L. Goodspeed, Ada W. Tillinghast, Frank A. Milliken.

Ward 5—William C. Hawes, Betsey B. Winslow, Otis S. Cook.

Ward 6—John F. Rogers, Arthur E. Buffington, Joseph C. Pothier.

STANDING COMMITTEES.

WILLIAM E. HATCH, Secretary.

The first named on each Standing Committee is Chairman of the same.

On High School—Milliken, Pothier, Winslow, Pease, Tillinghast, Buffington, Weeks, Bentley, Shepherd, Lowe.

On Grammar Schools—Tillinghast, Milliken, Pothier, Lowe, Winslow, Buffington, Bentley, Weeks, Corson, Brownell.

On Primary Schools—Pothier, Winslow, Weeks, Lowe, Pease, Rogers, Shepherd, Cook, Flanders.

On Ungraded Schools—Lowe, Weeks, Pease, Rogers, Bentley, Goodspeed, Corson, Brownell, Flanders, Hawes.

On Normal and Training School and Examination of Teachers
—Winslow, Milliken, Buffington, Tillinghast, Goodspeed, Pothier,
Rogers, Hammond.

On Truants—Rogers, Goodspeed, Corson, Cook, Hawes.

On Manual Training and Music—Weeks, Winslow, Pease,
Rogers, Bentley, Shepherd, Corson, Brownell, Cook.

On Text Books—Tillinghast, Milliken, Buffington, Goodspeed,
Flanders, Brownell, Hawes.

On Expenditures—Pothier, Milliken, Pease, Lowe, Weeks,
Bentley, Buffington, Rogers, Corson, Higham.

On Howland Fund—Shepherd, Milliken, Weeks, Buffington,
Lowe, Pothier, Bentley, Tillinghast, Hammond, Higham.

On Rules—Rogers, Corson, Milliken, Cook, Hammond.

Special Committees on Art—Shepherd, Tillinghast, Winslow,
Goodspeed, Flanders.

SCHOOL BOARD, 1903.

CHARLES S. ASHLEY, Mayor, Chairman, ex-officio.

FRANK A. MILLIKEN, Vice-Chairman.

WILLIAM E. HATCH, Secretary and Superintendent.

Office, 166 William Street.

Office hours, 8.30 to 9 A. M., 12.30 to 1.30 P. M. Saturdays, 9 to 10 A. M.

SAMUEL HIGHAM, President of the Common Council,
ex-officio.

Regular meetings of the Board, first Monday of each month at 7.30 P. M., except in the months of January, August and September. In January and September the meetings will be held the Tuesday after the first Monday. In August no meeting will be held.

WARD ONE.

Name.	Place of Business.	Residence
Frank R. Pease,	923 Acushnet avenue,	921 Acushnet avenue.
John H. Lowe,		935 Acushnet avenue.
J. Frank Weeks,	Cor. Acushnet ave.	Cor. Acushnet ave. and Tarklin Hill rd.
		and Tarklin Hill rd.

WARD TWO.

Alfred Thornton,	Mechanics Nat'l bank,	635 County street.
Lewis E. Bentley,	Supt. Bennett Spinning Co.	526 Purchase street.
Walter B. Flanders,		16 Homer street.

WARD THREE.

Edward G. Reynolds,	270 Purchase street,	210 Pleasant street.
Edgar B. Hammond,	179 No. Water street,	66 North street,
George W. H. Brownell,	Standard Office,	147 Hillman street.

WARD FOUR.

Frank A. Milliken,	Masonic Building,	8 Lincoln street.
Alex. Mc. L. Goodspeed,	37 Purchase street,	20 Seventh street.
Ada W. Tillinghast,		37 Eighth street.

WARD FIVE.

Louis M. Flocken,		347 County street.
William C. Hawes,	Masonic Building,	78 Borden street.
Betsey B. Winslow,		815 County street.

WARD SIX.

Joseph C. Pothier,	245 Fourth street,	247 Fourth street.
John F. Rogers,	100 Potomska street,	97 Acushnet avenue.
Arthur E. Buffington,	1 Crapo street,	27 Crapo street.

EMMA M. ALMY, Head Clerk,	-	-	-	87 Court street.
MARY C. POTTER, Assistant Clerk,	-	-	-	185 Middle street.

HENRY SMITH, Truant Officer,	-	-	-	372 Cottage street.
WILLIAM A. BAKER, Truant Officer,	-	-	-	213 Fourth street.

Office hours, 12.30 to 1 P. M.; Saturdays, 9 to 9.30 A. M.

GEORGE K. DAMMON, Janitor and Messenger, 186 Campbell St.

Office of Superintendent of Schools open 8.30 A. M. to 4.30 P. M., except Saturdays, Saturdays from 9 A. M. to 11 A. M., 2 P. M. to 4 P. M.

STANDING COMMITTEES.

WILLIAM E. HATCH, Secretary.

The first named on each Standing Committee is the Chairman of the same.

On High School — Milliken, Pothier, Winslow, Pease, Tillinghast, Weeks, Bentley.

On Grammar Schools — Tillinghast, Pothier, Lowe, Buffington, Bentley, Brownell, Hammond.

On Primary Schools — Pothier, Winslow, Weeks, Lowe, Pease, Rogers, Flanders.

On Evening Schools and Ungraded Schools — Lowe, Weeks, Pease, Bentley, Goodspeed, Brownell, Hawes.

On Normal and Training School and Examination of Teachers — Winslow, Milliken, Buffington, Goodspeed, Hammond, Flocken, Reynolds.

On Manual Training and Music — Weeks, Winslow, Pease, Rogers, Brownell, Flanders, Thornton.

On Text Books — Tillinghast, Milliken, Buffington, Goodspeed, Flanders, Brownell, Hawes.

On Expenditures — Pothier, Milliken, Pease, Lowe, Weeks, Bentley, Buffington, Thornton, Rogers, Higham.

On Howland Fund — Hammond, Lowe, Bentley, Buffington, Flocken, Reynolds, Higham.

On Rules — Rogers, Milliken, Hammond, Hawes, Thornton, Reynolds, Flocken.

On Art — Flanders, Tillinghast, Winslow, Hawes, Thornton, Goodspeed, Flocken.

Teachers and Janitors.

HIGH SCHOOL.

Summer Street, between Mill and North Streets.

Wilson R. Butler, Principal,	15 Chestnut street,	\$2,750
William E. Sargent, Sub-Master and Mathematical Teacher,	396 Union street,	1,700
Charles R. Allen, Science Teacher,	(absent on leave)	1,700
Robert M. Brown (supply teacher),	35 Eighth street,	1,200
Charles T. Bonney, Jr., Classics and Science Teacher,	343 So. Orchard street,	1,800
Edwin H. Harris, Commerc'l Teach'r,	8 Park place,	1,400
Lydia J. Cranston, Assistant,	129 Elm street,	1,000
Elizabeth P. Briggs,	2 Arch street,	900
Amy S. Rhodes,	131 Summer street,	1,000
Mary E. Austin,	512 Kempton street,	900
Lucretia N. Smith	500, Cottage street,	900
Emma K. Shaw,	4 Morgan terrace,	900
Helen L. Hadley,	220 Grinnell street,	900
Mabel W. Cleveland	81 North street, (absent on leave)	900
Fred F. Locke,	117 Hillman street, (supply teacher)	800
Mary C. Wiggin,	42 Summer street,	900
Adah M. Tasker,	84 Court street	900
Lena M. Newcastle,	35 Eighth street,	900
Edmond E. Baudoin, Milit'y Inst'r, Clerk, Sarah D. Ottiwell,	171 Court street, 184 Kempton street,	300 600
Janitor, Phylander Chace,	803 County street,	1,000
Ass't Janitor, John D. Sherman,	37 Vine street,	600

HARRINGTON NORMAL AND TRAINING SCHOOL.

Court Street, corner of Tremont Street.

Grade.

Cora A. Newton, Principal,	86 Court street,	\$1,700
Mary E. Trask, Vice-Principal,	86 Court street,	1,100
Carolyn D. Wood, Normal Teacher		
and Nature Supervisor in Pri-		
mary grades,	92 High street,	1,200
6 Kate Moore, Assistant,	105 Park street,	650
5 Madelide Gile, "	86 Court street,	600
4 Mary J. Read, "	65 Cottage street,	600
3 Grace W. Russell, "	417 Union street,	600
2 May Johnson, "	26 Seventh street,	500
1 Hattie L. Shafter, "	215 Maxfield street,	500

SENIORS—to graduate in December:

		Per week.
Harriet Brownell,	183 Chestnut street,	\$4 00
Mary Bryant,	97 Austin street,	4.00
Charlotte S. Christopher,	63 Chancery street,	4.00
Jennie M. Deacon,	417 Union street,	4.00
Marion H. Dexter,	148 Summer street,	4.00
Laura B. Fuller,	92 Hillman street,	4.00
May B. Jason,	111 South Seventh,	4.00
Mary E. Kane,	530 Cottage street,	4 00
Ethel L. Karcher,	35 Hollyhock street,	4.00
Mary L. Killigrew,	304 Cedar street,	4.00
Myrtilla G. Sequeira,	155 Grinnell street,	4.00
Lizzie M. Stow,	77 Smith street,	4.00
Julia Tresham,	241 Brownell street,	4.00
Laura H. Wilde,	35 Chestnut street,	4.00
Josephine C. Yates,	151 Merrimac street,	4.00

JUNIORS :

Ruth D. Beetle,	East French avenue.
May U. Bruce,	112 High street.
Gertrude M. Cunningham,	131 So. Second street.
Helen L. Davies,	809 County street.
Jennie L. Forsyth,	288 Palmer street.
Jeanette Greer,	148 Rotch street.
Charlotte A. Higham,	110 Merrimac street.

Ella R. Hillman,	52 Washington street.
Ellen A. Hurley,	327 So. Second street.
Alice W. Lowther,	258 Mill street.
Ada Moorhouse,	241 Coffin avenue.
Sadie M. Moulton,	211 Cedar street.
Augusta W. Pittman,	37 Foster street.
Lizzie A. Peirce,	22 Dartmouth street.
Mary M. Sullivan,	78 North street.
Janitor, Robert Arnett,	141 Tremont street, \$800

MIXED SCHOOL.

WILLIAM H. TAYLOR.

Brock avenue.

Grade.

7 & 6	Mary E. McAuliffe, principal,	42 Hill street,	\$700-
5	Carrie M. Leavitt, assistant,	18 Allen street,	600
4	Mary E. Gleason, "	Clara street,	500
3	Elizabeth J. Hurley, "	282 Sawyer street,	500
2	Adelaide M. Cota, "	85 Morgan street,	500
2	Ida M. Pettee, "	90 High street,	550
1	Mary A. Horan, "	19 Viall street,	400
1	Elizabeth C. Carter, "	211 Park street,	450
	Janitor, Henry M. Gifford,	Dudley street,	700

GRAMMAR SCHOOLS.

JOHN HENRY CLIFFORD.

Coggeshall street, corner Bowditch street.

Edward B. Gray, principal,	Fairhaven, Mass.,	\$1,900
9 & 8 Emma A. McAfee, assistant,	63 Fifth street,	675
3 & 7 Katherine E. Kenyon, "	55 Walnut street,	600
7 Lizzie A. Nickerson, "	31 Sycamore street,	600
6 Flora M. Corwin, "	111 Summer street,	600
6 Emma A. Eaton, "	24 Pearl street,	600
5 Louise M. Newhall, "	232 Pleasant street,	600
5 Susan Giford,	Fairhaven, Mass.,	600
5 Rachel M. Wordell,	83 Hillman street,	600
5 Mary G. LaPlante,	100 Hillman street,	600
4 Mary O. Lamb,	37 Hill street,	550
3, 2, 1 Mabel F. Alden,	232 Pleasant street,	600
Janitor, William Woolfenden,	907 County street,	900

FIFTH STREET.

Fifth street, corner of Russell street.

Allen F. Wood,	principal,	111 Acushnet avenue,	\$1,900
9 Lydia A. Macreading,	assistant,	33 Bonney street,	675
8 Sarah E. Stoddard,	"	852 County street,	600
8 Mary E. Allen,	"	25 Madison street,	600
7 Mary W. Leymunion,	"	56 So. Emerson street,	600
7 Mary A. Kane,	"	127 Grinnell street,	600
6 Grace L. Carver,	"	243 Acushnet avenue,	600
6 Annie C. Hart,	"	35 Fifth street,	600
5 Helen C. Hervey,	"	578 County street,	550
5 Lottie M. Allen,	"	118 Fifth street,	600
5 Florence M. Ellis,	"	26 Seventh street,	600
Janitor, Henry T. Phillips,		303 County street,	700

ROBERT C. INGRAHAM.

Rivet street, between Acushnet avenue and Second street.

Alice C. Munsey,	principal,	43 Fifth street,	\$1,900
9 N. Emma Slack,	assistant,	79 Fifth street,	675
8 Elizabeth M. Briggs,	"	351 County street,	600
8 Agnes M. James,	"	21 Fifth street,	600
7 Helen T. Maxfield,	"	75 Madison,	600
7 Cora B. Cleveland,	"	81 North street,	600
7 Ann L. Murkland,	"	55 Walnut street,	600
6 Anna H. Bartlett,	"	55 Walnut street,	600
6 Clara E. Sherman,	"	248 County street,	450
6 Anna E. Van Allen,	"	110 South Seventh street,	600
5 Mary A. Macy,	"	51 Russell street,	600
5 Mary A. Lee,	"	31 Fifth street,	600
5 Margaret E. Balcom,	"	110 South Seventh street,	550
Janitor, Dennis J. McAuliffe,		17 Bonney street,	900

ROBERT C. INGRAHAM ANNEX:

In Thompson Street School Building.

8 & 5 Margaret M. Healey,	Assistant,	69 Fourth street,	550
5 Elva A. Fellows,	"	110 South Seventh street,	600

MIDDLE STREET.

Summer street, between Elm and Middle streets.

Elwyn G. Campbell,	Principal,	56 State street,	1,900
9 Lucy B. Fish,	Assistant,	87 Sycamore street,	675

SCHOOL REPORT.

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9 Lucy F. Winchester, Assistant,	Fairhaven, Mass.,	675
8 Etta M. Abbott,	283 Middle street,	600
8 Anastasia O'Keefe,	147 Middle street.	600
	(absent on leave)	
Carrie J. Hunt,	147 Maxfield street, (supply teacher)	450
7 Julia C. Gifford,	18 Bedford street,	600
7 Lizzie E. Omey,	63 Thomas street,	600
6 Clara S. Vincent,	283 Middle street,	600
6 Helen McCoy,	74 Walnut street,	600
5 Regina M. Paul	71 Morgan street,	600
5 Elizabeth D. Hicks,	98 Hillman street,	600
Janitor, LeRoy G. Tripp,	71 North street,	700

PARKER STREET.

Parker street, near County street.

Arthur F. Gilbert, Principal,	26 Seventh street,	1,900
9 Gertrude M. Flanigan, Assistant,	216 Summer street,	675
9 Katherine Haley,	134 Chestnut street,	675
8 Daisy M. Butts,	116 Willis street,	600
8 Belle W. Burt,	3 Mt. Vernon street,	600
7 Mary L. Pettey,	718 County street,	600
7 Emily A. Delano,	East Freetown, Mass.,	600
7 Louise E. Hicks,	98 Hillman street,	550
6 A. Mabel Drew,	215 Maxfield street,	600
6 Lila B. Lewis,	131 Summer street,	600
5 Lillian T. Thomas,	854 Hathaway road,	600
5 Rose M. Meaney,	285 Cedar street,	600
5 S. Agnes Holmes,	671 County street,	600
Janitor, John H. Murphy,	184 Ashland street,	900

PARKER STREET ANNEX.

In Horatio A. Kempton School Building.

6 Jane E. Conway,	122 Acushnet avenue,	450
5 Marie Clifford,	122 Acushnet avenue,	600

PRIMARY SCHOOLS.

ACUSHNET AVENUE.

Acushnet avenue, near Grinnell street.

Sarah E. Kirwin, Principal,	101 South Sixth street,	750
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4	Gertrude L. Corish, Assistant,	86 Mill street,	450
4	Mary C. Barstow,	337 South Orchard street,	550
3	Sylvia W. Paulding,	50 Fifth street,	550
3	Ella W. Cake,	419 Union street,	550
2	Caroline S. Silva,	63 Washington street,	550
2	Catherine O'Connell,	31 Fifth street,	550
2	Eudorah K. Barry,	285 Cedar street,	500
1	Lida J. Brightman,	120 Acushnet avenue,	550
1	Julia M. Pilling,	90 Bedford street,	550
1	Lucie White,	East Freetown, Mass.,	550
	Janitor Samuel S. Broadbent,	66 Washington street,	700

I. W. BENJAMIN.

Division street between Acushnet avenue and Second street. .

Jane E. Gilmore, Principal,	245 Acushnet avenue,	825
4 Nellie W. Davis, Assistant,	115 Summer street,	550
4 Hannah E. Norton,	52 Locust street,	550
3 Alice A. Taylor,	299 County street,	550
3 Florence M. Anthony,	208 Grinnell street,	550
3 Ethel Bliss,	233 Arnold street,	500
2 Sophie T. Anthony	123 Fifth street,	550
2 Flora A. Pearl,	74 Walnut street,	550
2 Cecelia A. Deane,	77 Fifth street,	550
1 Emma L. Gartland,	9 Washington street,	550
1 Laura C. McCabe,	153 Grinnell street,	550
1 Mary F. Livingstone,	16 Fifth street,	550
1 Anne J. Chase,	11 Chestnut street,	450
Janitor, Edwin S. Tallman,	129 South street,	800

CANNONVILLE.

Rockdale avenue, near Kempton street.

4 & 3 Adelaide J. McFarlin, Principal,	272 Cottage street,	575
2 & 1 Florence A. Poole,	98 Parker street,	550
Janitor, Thomas A. Wall,	900 Rockdale avenue,	150

CEDAR STREET.

Cedar street, corner of Maxfield street.

4 Annie G. Brawley, principal,	68 Walden street,	650
3 Madeline A. Gregg, Assistant,	443 Cottage street,	550
2 Mabel L. Hathaway,	216 Middle street,	550

SCHOOL REPORT.

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2 & 1 Esther W. Paul, Assistant,	103 Sycamore street,	550
1 Ruth M. Tripp, "	399 Union street,	550

KINDERGARTEN DEPARTMENT.

Ada S. Blake,	183 Kempton street,	550
Susan F. Haskins,	87 Chestnut street,	450
Janitor, Robert J. Moncrieff,	42 Hazard street,	600

CEDAR GROVE STREET.

Cedar Grove street, near Acushnet avenue.

Agnes J. Dunlap, Principal,	258 Pleasant street,	875
4 Mary R. Dalton, Assistant,	401 Purchase street,	550
4 Kate Sweet, "	287 Kempton street,	550
3 Alice P. Winchester, "	Fairhaven, Mass.,	550
3 Minnie H. Smythe, "	32 Parker street,	550
8 Mary F. Staples, "	13 Allen street,	550
2 Sara Peckham, "	271 Union street,	550
2 Mary P. Brownell, "	133 Chestnut street,	550
2 Harriet A. Taylor, "	114 Willis street,	550
2 Mary E. Boardman, "	1108 Acushnet avenue,	550
2 Ethel E. Clapp, "	81 Hillman street,	450
1 Grace W. Dillingham, "	67 Willis street,	550
1 Mary I. McCormick, "	433 Purchase street,	500
1 Gertrude H. Poole, "	North Dartmouth, Mass.,	550
1 Mary W. Snow, "	68 Parker street,	500

KINDERGARTEN DEPTMKNNT.

Anna Hill,	216 Middle street,	550
Irene M. Bassett,	83 Summer street,	550
Janitor, Frederick O. Pollock,	171 Mill street,	£00

CLARK STREET.

Clark street, corner Myrtle street.

4 Elizabeth P. Spooner, Principal,	129 Hillman street,	675
4 Isabella Luscomb, Assistant,	245 Cedar street,	550
3 Annie S. Ray, "	41 Parker street,	550
2 Lucia E. Bliss, "	134 Arnold street,	550
2 Mary E. Bumpus, "	Fairhaven, Mass.,	525
1 Harriet J. Thorpe, "	10 Richmond street,	550
1 Lucy S. Leach, "	163 Maxfield street,	550
Janitor, Edwin Jones,	35 Myrtle street,	700

DARTMOUTH STREET.

Dartmouth street, corner Hickory street.

4 Isadore F. Eldridge, Principal,	71 Bonney street,	700
4 Sarah F. Pratt, Assistant,	233 Acushnet avenue,	550
3 Carrie W. Bliss, "	233 Arnold street,	550
3 Carolyn S. Jones, "	55 Court street,	550
2 Nellie H. Cook, "	58 Walnut street,	550
2 Jeannette B. Fuller, "	34 Grape street,	550
1 Annie F. Smith, "	50 Fifth street,	550
1 Nellie L. Foster, "	75 Bay street,	550
Janitor, John Lumbert,	1 Harrison street,	650

GEORGE H. DUNBAR.

Dartmouth street, corner Dunbar street.

4 M. Eva Schwall, Principal,	21 Bonney street,	700
4 & 3 Mary V. Perry, Assistant,	93 Bedford street,	550
3 Mary E. Ferrell, "	106 High street,	400
2 Angela F. Bowie, "	111 Dartmouth street,	550
2 Helen G. Malley, "	218 Fourth street,	550
1 Grace H. Potter, "	100 Madison street,	550
1 Jane A. Murphy, "	301 Arnold street,	550
1 Alice J. Lawrence, "	351 County street,	550
Janitor, Thomas C. Holmans.	66 Cottage street,	700

THOMAS A. GREENE.

Fourth street, corner Madison street.

4 Annie L. Macreading, Principal,	33 Bonney street,	725
4 & 3 Bertha C. Hathaway, Assistant,	269 Arnold street,	550
3 Louise C. Loughlin, "	9 Lindsey street,	450
2 Nellie E. Ashley, "	116 South Sixth street,	550
2 Sarah E. Sears, "	350 County street,	550
1 Caroline E. Bonney, "	67 Bedford street,	550
1 Mary E. Durfee, "	151 Grinnell street,	450
1 Bessie M. Harwood, "	53 North Ash street,	400

KINDERGARTEN DEPARTMENT.

Josephine H. Cobb,	"	72 South Sixth street,	550
Ethel S. Gibbs,	"	27 Sycamore street,	550
Janitor, Timothy Crowley,		111 Cedar street,	700

SYLVIA ANN HOWLAND.

Pleasant street, between High and Kempton streets.

4 Marion H. Swasey, Principal,	25 So. Emerson street,	625
3 Mary J. Graham, Assistant,	82 Court street,	550
3 Helen J. Kirk,	27 Franklin street,	550
2 Ruth A. Wilde,	35 Chestnut street,	550
1 Helen L. Corish,	86 Mill street,	550
Janitor, Hiram T. Lumbert,	216 Cedar street,	700

HORATIO A. KEMPTON.

Shawmut avenue, near Maitland street.

4 Bessie P. Peirce, Principal,	97 Willis street,	650
3 Edith M. B. Taber, Assistant,	82 Walden street,	550
3 & 2 Amelia A. Murray,	319 Park street,	500
2 Alice E. Jenney,	43 Locust street,	550
1 Charlotte G. Tourtelotte,	65 Walden street,	500
1 Clara L. Bennett,	17 Lincoln street,	550
Janitor, Edward I. Lawrence,	49 So. Emerson street,	700

MERRIMAC STREET.

Merrimac street, corner State street.

1 Harriet S. Damon, Principal,	223 Pleasant street,	650
1 & 2 Margaret T. Kane, Assistant,	530 Cottage street,	500
2 Mary F. McIntyre,	69 Willis street,	500
3 & 4 Adelaide West,	232 Pleasant street,	550
3 Anna I. Dexter,	11 Franklin street,	550
	(absent on leave)	
3 Florence E. Moore,	427 Pleasant street,	400
	(supply teacher)	
4 Julia A. Ellis,	218 Summer street,	550
Janitor, Edward H. Field,	286 Pleasant street,	600

PHILLIPS AVENUE.

Phillips avenue, corner Bowditch street.

4 Carrie E. Footman, Principal,	181 Elm street,	675
4 Edith W. Pratt, Assistant,	19 Seventh street,	500
3 Mary E. Peckham,	271 Union street,	550
2 Edith A. Austin,	232 Pleasant street,	500
2 & 1 Grace B. Gardner,	Fairhaven, Mass.,	500
1 Alice B. Church,	68 Forest street,	450
1 Helen I. Boyd,	216 Middle street,	550
Janitor, John H. Rudge,	131 Merrimac street,	700

THOMPSON STREET.

Thompson street, corner Crapo street.

4 Lila D. Hayne, Principal,	Fairhaven, Mass.,	700
4 Annie B. Lyon, Assistant,	18 Allen street,	550
3 Florence A. Howland, "	13 Allen street,	550
3 Catherine A. McGuinness, "	48 Rockland street,	500
2 Emily W. Davis, "	68 Bay street,	550
2 Bertha E. Jenney, "	25 Arch street,	550
1 Annie R. Keith, "	57 Bay street,	400
1 Bessie M. Noland, "	Fairhaven, Mass.,	400
1 Mary E. Cunningham, "	131 South Second street,	450
1 Sarah A. Winslow, "	315 County street,	550
Janitor, James T. Heron,	87 Washington street,	700

MARY B. WHITE.

Maxfield street, corner Pleasant street.

4 Mary E. Pasho, Principal,	169 Grinnell street,	600
	(absent on leave)	
4 Mary E. Goggin, Assistant,	587 Acushnet avenue,	450
	(supply teacher)	
3 Clara C. M. Gage, "	46 Summer street,	550
2 Annie E. Pearce, Acting Principal,	47 Locust street,	550
1 Margaret H. Holmes, Assistant,	661 County street,	550
Janitor, William J. Cochrane,	189 North street,	550

SOUTH MILL SCHOOL.

Meaney's Hall, corner South Water and Division streets.

Lucy J. Remington, Principal,	67 Fifth street,	620
Ruby M. Tripp, Assistant,	71 Willis street,	550
Janitor, William Clark,	36 Acushnet avenue,	600

COUNTRY SCHOOLS.

ACUSHNET.

Acushnet avenue, near Lund's Corner.

9 & 8 Annie C. Maxfield, Principal,	75 Madison street,	900
7 & 6 Sarah A. Russ, Assistant,	75 Madison street,	600
5, 4 & 3 Naomi A. Turner, "	18 Seventh street,	550
2 & 1 Harriet N. Hyatt, "	Tarkiln Hill road,	550
Janitor, George W. Dexter,	Acushnet,	450

SCHOOL REPORT.

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NORTH.

County Road.

Mary I. Ashley, Principal,	Clifford, Mass.,	600
Janitor Harry O. White,	Clifford, Mass.,	150

PLAINVILLE.

Plainville Road.

Eudora Lawrence, Principal,	Shawmut, Mass.,	600
Janitor, Philip S. Hatch,	Shawmut, Mass.,	75

ROCKDALE.

Hathaway road, near Rockdale avenue.

Lizzie M. Fisher, Principal,	18 Seventh street.	600
Alice P. Terry, Assistant,	Hathaway road.	500
Janitor, Harry O. Casey,	Hathaway road.	120

SPECIAL TEACHERS.

DRAWING.

Lucy C. Bedlow,	20 Seventh street,	1,200
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COOKING.

S. Agnes Donham,	169 Middle street,	800
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FRENCH.

Lois A. Leonard,	3 Maple street,	600
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SEWING.

Lena M. Willis, Principal,	64 Russell street,	600
Gertrude H. Leonard, Assistant,	23 Seventh street,	525
Harriet S. Phillips,	" 69 Fifth street,	525
Dora D. Parker,	" 133 Chestnut street,	500

SINGING.

Fred H. Butterfield,	140 Summer street,	1,900
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MANUAL TRAINING.

Edwin R. King,	95 Walden street,	1,600
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PERMANENT SUBSTITUTES.

Janet Hunter,	55 North Sixth street,	450
Mary A. Livesey,	123 Campbell street,	450

EVENING DRAWING SCHOOL.

In the Textile School Building.

	Per Night.
George H. Nye, Principal,	323 Cottage street, \$4.50
Lena M. Newcastle, Assistant,	35 Eighth street, 3.00
Fred M. Reed, "	117 Fourth street, 3.00
Oliver H. Gardner, "	48 North street, 3.00

EVENING HIGH SCHOOL.

In the High School Building.

	Per Night
William E. Sargent, Principal,	396 Union street, \$5.00
Robert M. Brown, Assistant,	35 Eighth street, 3.50
Charles T. Bonney, Jr., "	843 So. Orchard street, 3.50
Edwin H. Harris, "	8 Park place, 3.50
Clara E. Sherman, "	248 County street, 2.00
Rudolph Lucas, "	296 Kempton street, 2.00
Isabel S. Horr, "	100 State street, 1.00
Janitor, Phylander Chace,	803 County street, 2.00

EVENING ELEMENTARY SCHOOLS.**JOHN HENRY CLIFFORD SCHOOL.**

Coggeshall street, corner Bowditch street.

	Per Night.
Edward B. Gray, Principal,	\$3.50
Carolyn S. Jones, Assistant,	1.50
Mary F. Gibbons, "	1.50
Sylvia W. Paudling, "	1.50
Florence A. Howland, "	1.50
Rachel M. Wordell, "	1.50
Alice Kelleher, "	1.50
Elizabeth A. Dunn, "	1.50

Mary E. Herlihy,	Assistant,	1.50
Amelia A. Murray,	"	1.50
Susan Gifford,	"	1.50
Catherine A. McGuinness,	"	1.50
Mary E. Gleason,	"	1.60
Mary G. LaPlante,	"	1.50
Katherine E. Kenyon,	"	1.50
Edith A. Austin,	"	1.50
Gertrude L. Corish,	"	1.50
Jennie T. Bolles,	"	1.50
Lizzie M. Fisher,	"	1.50
Susan D. Hinds,	"	1.50
Mary I. McCormick,	"	1.50
Sarah F. Pratt,	"	1.50
Annie B. Lyon,	"	1.50
Elsie P. Bates,	"	1.50
Edith W. Pratt,	"	1.50
Mary E. Boardman,	"	1.50
Janitor, William Woolfenden,		2.00

FIFTH STREET.

Fifth street, corner of Russell street.

		Per Night.
Elwyn G. Campbell, Principal,		\$3.50
Helen McCoy, Assistant,		1.50
Julia C. Gifford,	"	1.50
Etta M. Abbott,	"	1.50
Florence E. Moore,	"	1.50
Ruth M. Tripp,	"	1.50
Sarah Peckham,	"	1.50
Kate Moore,	"	1.50
Julia M. Pilling,	"	1.50
Jennie E. Fuller,	"	1.50
Caroline E. Bonney,	"	1.50
Mary R. Dalton,	"	1.50
Annie C. Hart,	"	1.50
Mary E. Cunningham,	"	1.50
Anna H. Bartlett,	"	1.50
Janitor, Henry T. Phillips, 303 County street,		2.00

SCHOOL REPORT.

PARKER STREET.

Parker street, near County.

		Per Night.
Mary A. Kane,	Principal,	\$3.50
Rose M. Meaney,	Assistant,	1.50
Sara L. Tallman,	"	1.50
Harriet J. Thorp,	"	1.50
Margaret H. Holmes,	"	1.50
Ruby M. Tripp,	"	1.50
Mary F. McIntyre,	"	1.50
Minnie H. Smythe,	"	1.50
Lizzie E. Frasier,	"	1.50
Naomi A. Turner,	"	1.50
Janitor, John H. Murphy, 184 Ashland street,		1.50

ROBERT C. INGRAHAM SCHOOL.

Rivet street, between Acushnet avenue and Second street.

		Per Night.
Joseph P. Kennedy,	Principal,	\$350
Marie Clifford,	Assistant,	1.50
Kate K. Whelden,	"	1.50
Emma L. Gartland,	"	1.50
Annie F. Smith,	"	1.50
Helen G. Malley,	"	1.50
Esther L. Karcher,	"	1.50
Mary B. Jason,	"	1.50
Mary V. Perry,	"	1.50
Cecelia A. Deane,	"	1.50
Mary E. Holden,	"	1.50
Mary E. Goggin,	"	1.50
Mary E. Bumpus,	"	1.50
Anna R. Keith,	"	1.50
Helen F. Murphy,	"	1.50
Mary F. Livingston,	"	1.50
Ida M. Healey,	"	1.50
Ethel Pollard,	"	1.50
Grace B. Gardner,	"	1.50
John Sylvia,	"	2.00
May Johnson,	"	1.50
Mary E. Peckham,	"	1.50
Janitor, Dennis J. McAuliffe, 17 Bonney street,		2.00

PHILLIPS AVENUE.

Phillips avenue, corner Bowditch street.

		Per Night.
Eliza G. M. Jenney,	Principal,	\$3.00
Nellie L. Foster,	Assistant,	1.50
Sarah E. Howard,	"	1.50
Annie C. Maxfield,	"	1.50
Helen T. Maxfield,	"	1.50
Sara A. Russ,	"	1.50
Emma M. Davis,	"	1.50
Ada S. Blake,	"	1.50
Janitor, John H. Rudge, 131 Merrimac street,		1.50

SCHOOL DISTRICT LINES.

HIGH SCHOOL.

The High School district includes the whole city.

HARRINGTON.

PRIMARY LINES.

North Line—Beginning at Cottage street, the center of Kempton street to Park street; center of Park street to Mill street; center of Mill street to Florence street; center of Florence street to Court street; center of Court street to Dartmouth line.

East Line—Beginning at Kempton street, the center of Cottage street to Court street; center of Court street to County street; center of County street to Hawthorn street.

South Line—Beginning at County street, the center of Hawthorn street to Ash street; center of Ash street to Allen street; center of Allen street to Dartmouth line.

West Line—Dartmouth line from Allen street to Court street.

GRAMMAR LINES.

North Line—Beginning at Chancery street, the center of Kempton street to the city limit.

East Line—Beginning at Kempton street, the center of Chancery street to Hawthorn street.

South Line—Beginning at Chancery street, the center of Hawthorn street to the city limit.

West Line—Dartmouth line from Hawthorn street to Kempton street.

WILLIAM H. TAYLOR.

PRIMARY LINES.

North Line—Beginning at water front, center of Cove street to West French avenue; center of West French avenue to Cove road; center of Cove road to County street.

East Line—Water front from Cove street south to city limit.

South Line—Water front.

West Line—Water front to County street.

GRAMMAR LINES.

North Line—Beginning at water front, the center of Cove street to County street; center of County street to water front.

East Line—Water front, from Cove street south to city limit.

South Line—Water front.

West Line—Water front to County street.

JOHN HENRY CLIFFORD.

North Line—Beginning at water front, the center of Shaw street to a point on Shawmut avenue where Shaw street would strike it if extended.

East Line—Water front from Shaw street to Wamsutta street.

South Line—Beginning at the water front, the center of Wamsutta street to the railroad track; the railroad track to Weld street; center of Weld street to Mt. Pleasant street; center of Mt. Pleasant street to Mt. Vernon street; center of Mt. Vernon street to Shawmut avenue.

West line—Beginning at Mt. Vernon street, the center of Shawmut avenue to Shaw street.

FIFTH STREET.

North Line—Beginning at the water front, the center of Commercial street to Water street; center of Water street to Spring street; center of Spring street to County street; center of County street to Arnold street; center of Arnold street to Cottage street; center of Cottage street to Hawthorn street; center of Hawthorn street to city limit.

East Line—Water front from Commercial street to Grinnell street.

South Line—Beginning at Water front, the center of Grinnell street to Dartmouth street; center of Dartmouth street to Cemetery line; along the Cemetery line to Rockdale avenue; center of Rockdale avenue to Allen street; center of Allen street to the city limit.

West Line—Dartmouth line from Hawthorn street to Allen street.

ROBERT C. INGRAHAM.

North Line—Beginning at water front, the center of Grinnell street to Dartmouth street; center of Dartmouth street to Cemetery line; along the Cemetery line to Rockdale avenue; center of Rock-

dale avenue to Allen street; center of Allen street to city limit.

East Line—Water front from Grinnell street to Cove street.

South Line—Beginning at water front, the center of Cove street to County street; center of County street to water front; beginning at water front, south side of Cove road to city limit.

Note. This south line determines the boundary between the Robert C. Ingraham school and the William H. Taylor school for the fifth, sixth and seventh grades. All pupils in the eighth and ninth grades living south of the center of Grinnell street attend the Robert C. Ingraham school.

West Line—Dartmouth line from Cove road to Allen street.

MIDDLE STREET.

North Line—Beginning at the water front, the center of North street to Ash street; center of Ash street to Maxfield street; center of Maxfield street to Rockdale avenue; center of Rockdale avenue to Milton street; center of Milton street to city limit.

East Line—City limit.

South Line—Beginning at the water front, the center of Commercial street to Water street; center of Water street to Spring street; center of Spring street to County street; center of County street to Arnold street; center of Arnold street to Cottage street; center of Cottage street to Hawthorn; center of Hawthorn street to city limit.

West Line—Dartmouth line from Hawthorn street to a point where Milton street would strike it if extended.

Note. These boundaries represent the district for all grammar grades between the Parker Street school district on the north and the Fifth Street school district on the south, with the exception of the district assigned to the fifth and sixth grades in the Harrington Training school. (See Harrington school district lines.)

PARKER STREET.

North Line—Beginning at the railroad track, the center of Weld street to Mt. Pleasant street; center of Mt. Pleasant street to Mt. Vernon street; center of Mt. Vernon street to Shawmut avenue; center of Shawmut avenue to Grand street; center of Grand street to the city limit.

East Line—Beginning at the center of Weld street, the railroad track to the center of Wamsutta street; center of Wamsutta street to the water front; the water front to the center of North street.

South Line—Beginning at the water front, the center of North street to Ash street; center of Ash street to Maxfield street; center of Maxfield street to Rockdale avenue; center of Rockdale avenue to Milton street; center of Milton street to city limit.

West Line—The Dartmouth line from a point where Milton street would strike it if extended to a point where Grand street would strike it if extended.

ACUSHNET AVENUE.

North Line—Beginning at water front, the center of Howland street to Acushnet avenue; center of Acushnet avenue to Wing street; center of Wing street to County street.

East Line—Water front from Howland street to Rockland street.

South Line—Beginning at water front, the center of Rockland street to County street.

West Line—Center of County street from Rockland street to Wing street.

I. W. BENJAMIN.

North Line—Beginning at water front, the center of Rivet street to Crapo street.

East Line—Water front from Rivet street to Cove street.

South Line—Beginning at water front, the center of Cove street to West French avenue; center of West French avenue to Cove road; center of Cove road to Crapo street.

West Line—Center of Crapo street from Cove road to Rivet street.

CANNONVILLE.

North Line—Beginning at Lindsey street, both sides of Parker street to Rockdale avenue; center of Rockdale avenue to Grand street; center of Grand street to a point on Dartmouth line where Grand street would strike it if extended.

East Line—Beginning at Parker street, the center of Lindsey street to Mill street; center of Mill street to Florence street; center of Florence street to Court street.

South Line—Beginning at Florence street, the center of Court street to Dartmouth line.

West Line—Dartmouth line from Court street to a point where Grand street would strike it if extended.

CEDAR STREET.

North Line—Beginning at Chestnut street, the center of Willis street to Oak Grove cemetery; east line of cemetery to Parker street; south side of Parker street, not including Parker street, to a point where Lindsey street would strike Parker street if extended.

East Line—Center of Chestnut street from Willis street to Kempton street.

South Line—Beginning at Chestnut street, the center of Kempton street to Park street; center of Park street to Mill street; center of Mill street to Lindsey street.

West Line—Beginning at Mill street, the centre of Lindsey street to a point on Parker street where Lindsey street would strike it if extended.

CEDAR GROVE STREET.

North Line—Beginning at the water front, the center of Holly street to the railroad track.

East Line—Water front from Holly street to a point just north of Maxfield street.

South Line—None.

West Line—Railroad track from a point just north of Maxfield street to Holly street.

CLARK STREET.

North Line—Beginning at the railroad track, the center of Shaw street to a point where Shaw street would strike Highland street if both streets were extended.

East Line—Railroad track from Shaw street to Austin street.

South Line—Beginning at the railroad track, the center of Austin street to Cottage street; centre of Cottage street to Durfee street; center of Durfee street to Highland street.

West Line—Beginning at Durfee street, the center of Highland street to a point where Shaw street would strike Highland street if both streets were extended.

DARTMOUTH STREET.

North Line—Beginning at County street, the center of Hawthorn street to Ash street; center of Ash street to Allen street; center of Allen street to Dartmouth line.

East Line—Beginning at Hawthorn street, the center of County street to Rockland street.

South Line—Beginning at County street, the center of Rockland street to Bolton road; center of Bolton road to Thompson street; center of Thompson street to Dartmouth street; center of Dartmouth street to south line of Rural cemetery; south line of cemetery to Winterville road; center of Winterville road to Dartmouth line.

West Line—Dartmouth line from Winterville road to Allen street.

GEORGE H. DUNBAR.

North Line—Beginning at Crapo street, center of Rivet street to Bolton road; center of Bolton road to Thompson street; center of Thompson street to Dartmouth street; center of Dartmouth street to south line of Rural cemetery; south line of Rural cemetery to Winterville road; center of Winterville road to Dartmouth line.

East Line—Beginning at Rivet street, the center of Crapo street to Cove road.

South Line—Beginning at Crapo street, both sides of Cove road to Dartmouth line.

West Line—Dartmouth line from Cove road to Winterville road.

T. A. GREENE.

North Line—Beginning at water front, the center of Union street to County street.

East Line—Water front from Union street to Howland street.

South Line—Beginning at Water front, the center of Howland street to Acushnet avenue; center of Acushnet avenue to Wing street; center of Wing street to County street.

West Line—Beginning at Wing street, the center of County street to Union street.

SYLVIA ANN HOWLAND.

North Line—Beginning at the water front, the center of North street to Chestnut street.

East Line—Water front, from North street to Union street, including city islands.

South Line—Beginning at water front, the center of Union street to County street; center of County street to Court street; center of Court street to Cottage street.

West Line—Beginning at Court street, the Center of Cottage street to Kempton street; center of Kempton street to Chestnut street; center of Chestnut street to North street.

HORATIO A. KEMPTON.

North Line—Beginning at a point where Highland street would strike Shaw street if both were extended, the center of Shaw street to Shawmut avenue; center of Shawmut avenue to Grand street; center of Grand street to Rockdale avenue.

East Line—Beginning at a point on Hathaway road where Highland street would strike it if extended, the center of Highland street to Durfee street; center of Durfee street to Cottage street; center of Cottage street to Austin street; center of Austin street to a point where Chestnut should strike it if extended; center street to Chestnut street to Willis street.

South Line—Beginning at Chestnut street, the center of Willis street to the Oak Grove cemetery; east line of cemetery to south side of Parker street; both sides Parker street to Rockdale avenue.

West Line—Beginning at Parker street, the center of Rockdale avenue to Grand street.

MERRIMAC STREET.

North Line—Beginning at the railroad track, the center of Austin street to a point where Chestnut street would strike it if extended.

East Line—Railroad track from Austin street to Pearl street.

South Line—Beginning at the railroad track, the center of Pearl street to County street; center of County street to Willis street; center of Willis street to Chestnut street.

West Line—Beginning at Willis street, the center of Chestnut street to a point on Austin street where Chestnut street would strike it if extended.

PHILLIPS AVENUE.

North Line—Beginning at the water front, the center of Shaw street to a point on the railroad track where Shaw street would strike it if extended.

East Line—Water front from Shaw street to Holly street.

South Line—Beginning at water front, the center of Holly street to the railroad track.

West Line—Railroad track from Holly street to Shaw street.

THOMPSON STREET.

North Line—Beginning at the water front, the center of Rockland street to Bolton road.

East Line—Water front from Rockland street to Rivet street.

South Line—Beginning at water front, the center of Rivet street to Bolton road.

West Line—Bolton road from Rivet street to Rockland street.

MARY B. WHITE.

North Line—Beginning at the railroad track, the center of Pearl street to County street; center of County street to Willis street: center of Willis street to Chestnut street.

East Line—Railroad track from Pearl street to a point just north of Maxfield street; the water front from a point just north of Maxfield street to North street.

South Line—Beginning at water front, the center of North street to Chestnut street.

West Line—Beginning at North street, the center of Chestnut street to Willis street.

ACUSHNET.*For All Grades Below the Seventh.*

North Line—Beginning at a point on the Acushnet line where Phillips road would strike it if extended, an imaginary line to the railroad track.

East Line—The Acushnet line from the north boundary to Shaw street.

South Line—Beginning at Acushnet line, the center of Shaw street to the railroad track.

West Line—Railroad track from Shaw street to the north boundary.

For All Grades Above the Sixth.

North Line—Beginning at the Acushnet line, the Freetown line to the railroad track.

East Line—Beginning at the Freetown line, the Acushnet line to Shaw street.

South Line—Beginning at the Acushnet line, the center of Shaw street to the railroad track.

West Line—Railroad track from Shaw street to the Freetown line.

NORTH.

For All Grades Below the Seventh.

North Line—Beginning at the Acushnet line, the Freetown line to the railroad track.

East Line—Beginning at the Freetown line, the Acushnet line to a point where Phillips road would strike it if extended.

South Line—Beginning at a point on Acushnet line where Phillips road would strike it if extended, an imaginary line to the railroad track.

West Line—Railroad track from the south line to the Freetown line.

PLAINVILLE.

North Line—Beginning at the railroad track, the Freetown line to Dartmouth line.

East Line—Beginning at the Freetown line, the railroad track to a point where Shaw street would strike it if extended.

South Line—Beginning at the railroad track, the center of Shaw street if extended to Shawmut avenue; center of Shawmut avenue to the railroad track; the railroad track to Dartmouth line.

West Line—Dartmouth line from a point where Shaw street would strike it if extended, to the Freetown line.

ROCKDALE.

North Line—Beginning at Shawmut avenue, the railroad track to the Dartmouth line.

East Line—Beginning at the railroad track, the center of Shawmut avenue to Grand street.

South Line—Beginning at Shawmut avenue, the center of Grand street to a point on Dartmouth line where Grand street would strike it if extended.

West Line—Dartmouth line from Grand street to the railroad track.

**AVERAGE AGE OF PUPILS IN VARIOUS
GRADES, JUNE, 1902.**

HIGH SCHOOL.

Senior		Sub-Senior		Junior		Sub-Junior		Average Age	
Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.
18	4	17	9	17		16		17	3

GRAMMAR DEPARTMENT.

School	Fifth Year		Sixth Year		Seventh Year		Eighth Year		Ninth Year		Average Age	
	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.
Harrington Normal and Training	11	11	12	6								
John Henry Clifford	12	2	12	10	13	4	14		15	5		
Fifth Street,	11	9	13	5	13	7	14	1	15	6		
Robert C. Ingraham	11	10	13	2	13	5	14	8	15	2		
Middle Street	11	6	12	6	13	7	14	6	15	3		
Parker Street	10	10	12		13	8	14	3	15	3		
Wm. H. Taylor	11	8	12	3	13	2						
Av. age by grades	11	8	12	8	13 4½		14	2	15	4	13	5

AVERAGE AGE OF PUPILS IN VARIOUS GRADES.

PRIMARY DEPARTMENT.

School	First Year	Second Year	Third Year	Fourth Year	Average Age
	Yrs. Mos.	Yrs. Mos.	Yrs. Mos.	Yrs. Mos.	Yrs. Mos.
Acushnet avenue	7 11	9 10	10 2	11 5	
I. W. Benjamin	7 4	9 1	10 1	11 1	
Cannonville	6 10	8 10	8 11	10 7	
Cedar street	7 6	8 9	9 1	10 5	
Cedar Grove street	7 6	9 5	11 11	12 6	
Clark street	7 5	8 5	10	10 10	
John Henry Clifford				11 3	
Dartmouth street	6 9	8 1	9 6	10 2	
George H. Dunbar	7 8	8 11	10 5	11 1	
Thomas A. Greene	7 6	8 9	9 11	11	
Sylvia Ann Howland	6 8	8 3	9 4	11	
Horatio A. Kempton	6 9	8 2	9 4	11 3	
Merrimac street	7 8	8 1	10 9	11 5	
Phillips avenue	7 6	8 11	9 5	11 7	
Wm. H. Taylor	7 4	8 9	10 2	10 7	
Thompson street		8 7	11 1	11 3	
Mary B. White	7 1	8 1	10 1	10 3	
Harrington Normal and Training	6 10	8 3	9	11 1	
Av. age by grades	7 3	8 7	9 10	11 8	9 4

UNGRADED SCHOOLS.

School	Grammar Department		Primary Department		Average Age	
	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.
Acushnet	13	7	9	6		
North	12	3	8	4		
Plainville	11	9	8	4		
Rockdale	13	2	9	2		
South Mill	13	6	13	6		
Average age by departments	12	10	9	9	11	3

KINDERGARTENS.

School	Yrs.	Mos.
Cedar street	5	
Cedar Grove street	5	5
Thomas A. Greene	5	2
Average age	5	2

NEW BEDFORD PUBLIC SCHOOLS.

**RATES OF TUITION FOR NON-RESIDENT PUPILS FOR
SUMMER AND FALL TERM 1903, WINTER TERM 1904.**

	Summer Term	Fall Term	Winter Term	For the Year
	1903	1903	1904	
High School	\$18.80	\$21.92	\$20.36	\$61.08
Grammar School	8.91	10.39	9.65	28.95
Primary School	6.47	7.55	7.00	21.02
Normal and Training School	9.62	11.22	10.42	31.26
Evening Drawing School				8.42

DEPARTMENT OF PUBLIC SCHOOLS.

BRIEF DESCRIPTION OF THE SCHOOLHOUSES, WITH THEIR ACCOMMODATIONS AND CONDITIONS.

NAME OF SCHOOL	LOCATION	Material	No. of stories			No. of schoolrooms	No. of assembly halls	No. of sittings	Year completed	Estimated value
			No. of stories	No. of schoolrooms	No. of assembly halls					
Acushnet avenue	Acushnet av. near Grinnell st.	Brick	2	10	1	490	1878	\$49,966		
Acushnet	Lunds Corner, Acushnet	Wood	2	4		152	1899	7,500		
I. W. Benjamin	Division st.	Brick	3	12		634	1891	33,875		
Cedar street	Cor. Cedar and Maxfield sts.	Wood	2	6		285	1856	7,063		
Cedar Grove street	Cedar Grove st.	Brick	3	15		652	1888	35,932		
John H. Clifford	Coggeshall st.	Brick	3	12	1	428	1901	75,965		
Clark street	Cor. Clark and Myrtle sts.	Brick	2	8		344	1897	37,847		
Cannondale	Rockdale av.	Wood	2	2		82	1858	1,865		
Geo. H. Dunbar	Cor. Dartmouth & Dunbar sts.	Brick	2	8		890	1897	45,087		
Dartmouth street	Cor. Dartmouth & Hickory sts.	Wood	2	8		388	1855	17,106		
Fifth street	Cor. Fifth and Russell sts.	Brick	3	10	1	490	1860	35,388		
Thomas A. Greene	Cor. Fourth and Madison sts.	Brick	2	10		378	1894	66,089		
High	Summer, between Mill and North sts.	Brick	3	10	1	477	1876	118,888		
Harrington Memorial	Cor. Court and Tremont sts.	Brick	3	10	1	441	1889	55,000		
Sylvia Ann Howland	Pleasant, cor. Kempton sts.	Brick	3	7		245	1888	65,100		
Robert C. Ingraham	Rivet st. bet. Acushnet av. and Second st.	Brick	3	12	1	629	1901	81,352		
Horatio A. Kempton	Shawmut av. near Maitland st.	Brick	2	8		388	1901	41,394		
Linden street	Linden st.	Wood	2	4				2,684		
Middle street	Cor. Middle and Summer sts.	Brick	3	9	1	452	1844	35,035		
Merrimac street	Cor. Merrimac and State sts.	Brick	2	6		361	1857	18,113		
North	County road	Wood	1	2		63	1852	2,000		
Parker street	Parker, near County st.	Brick	3	12	1	694	1852	50,226		
Phillips avenue	Cor. Phillips av. and Bow-ditch st.	Brick	2	8		329	1897	47,561		
Plainville	Plainville road	Wood	1	1		28	1846	1,000		
Rockdale	Hathaway road	Wood	1	2		58	1855	1,254		
Thompson street	Cor. Thompson and Crapo sts.	Brick	3	10		486	1895	87,800		
Wm. H. Taylor	Brock av.	Brick	2	8		340	1898	44,977		
Mary B. White	Cor. Pleasant and Maxfield sts.	Brick	2	4		198	1881	26,068		

Number of pupils who have left the High school during the school year 1901-1902:

	Boys	Girls
Seniors	1	0
Sub-Seniors	7	5
Juniors	16	12
Sub-Juniors	13	20
	—	—
	37	37

Causes for leaving:

	Boys	Girls
Illness	4	9
Moved from the city	3	5
At work	8	4
Not promoted	8	6
Neglect of school work	9	9
Went to private school	5	4
	—	—
	37	37

Pupils entering the High school in Sept., 1902:

	Boys	Girls	Total
From New Bedford Public schools	66	81	147
From other schools	10	15	25
	—	—	—
	76	96	172

Post graduates in the High school, Sept., 1902:

September to January	Boys	Girls
	0	11

	1902-1903 Commercial Course			General Course			College Course, without Greek			College Course, with Greek		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Seniors				1	26	27	15	14	29	5	3	8
Sub-Seniors	21	12	33	9	15	24	8	12	20	6	3	9
Juniors	16	25	41	15	42	57	12	16	28	5	5	10
Sub-Juniors	43	37	80	16	54	70	28	15	43			
	80	74	154	41	137	178	63	57	120	16	11	27

Total enrollment:

Post Graduates	11
Commercial Course	154
General Course	178
College without Greek	120
College Course with Greek	27
Total	490

Number of pupils who have left the High school during the school year 1901-1902:

	1901			1902			1901-1902		
	Sept. to Jan.			Jan. to June			Sept. to June		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Seniors	0	0	0	1	0	1	1	0	1
Sub-Seniors	5	22	27	2	3	5	7	5	12
Juniors	5	33	38	11	9	20	16	12	28
Sub-Juniors	3	9	12	10	11	21	13	20	33
	13	14	27	24	23	47	37	37	74

Graduates of 1902 who have passed examination for the following named colleges and schools:

	Boys	Girls
School of Technology	3	
Weslyan University	1	
Amherst College	1	
Friend's School, Providence	1	
Simmons College, Boston		1
Brown University		1
Normal Art School, Boston		1
Bridgewater Normal School		2
Hyannis Normal School		1
Harrington Training (entered Jan., 1903)		16
Pittsfield Academy, Pittsfield		1
	<hr/> 6	<hr/> 23

The above are all pursuing advanced courses in the above named institutions.

**APPROVED LIST OF TEXT-BOOKS TO BE
USED IN THE HIGH SCHOOL.**

SCIENCE.

Allen's Laboratory Manual.	Henry Holt & Co.
Atkinson's Lessons in Botany.	Henry Holt & Co.
Avery's Natural Philosophy.	
Avery's School Physics.	
Harvard College Elementary Physics.	
Gifford's Elementary Physics.	Thompson, Brown & Co.
Mill's Realm of Nature.	
Overton's Applied Physiology.	American Book Co.
Packard's Zoology.	
Pierce's Problem's in Physics.	
Remsen's Chemistry.	
Stone's Experimental Physics.	
Youman's Botany.	American Book Co.

GEOGRAPHY.

Tarr's Physical's Geography.	Macmillan & Co.
Tilden's Commercial Geography.	

PHYSIOLOGY AND HYGIENE.

Hutchison's Physiology and Hygiene.

MATHEMATICS.

Atwood's Exercises in Algebra.	Morse Co.
Harvard University Syllabus of Propositions in Geometry.	
Packard's New Commercial Arithmetic.	S. S. Packard, N. Y.
Well's Academic Arithmetic.	
Wentworth's School Algebra.	Ginn & Co.
Wentworth's School Algebra, revised.	Ginn & Co.
Wentworth's College Algebra.	Ginn & Co.
Wentworth's Plane Geometry, revised.	Ginn & Co.
Wentworth's Trigonometry.	Ginn & Co.

BOOKKEEPING AND STENOGRAPHY.

Barnes' Shorthand Manual.	
Ellis' Actual Guide to Business Practice.	
Harper's Our Own Typewriter Instructor.	
Hill's Commercial Law.	
Meservey's Bookkeeping.	Thompson, Brown & Co.
Munson's Art of Phonography.	G. P. Putnam & Sons.
Munson's Universal Dictation Course.	
Williams & Rogers' New Complete Bookkeeping.	

MUSIC.

Beacon Song Collection.

HISTORY.

Allen's Short History of the Roman People.	Ginn & Co.
Barnes' History of Ancient Peoples.	American Book Co.
Botsford's History of Greece.	MacMillan & Co.
Botsford's History of Rome.	MacMillan & Co.
Fiske's Civil Government.	Houghton, Mifflin & Co.
Fiske's History of the United States.	Houghton, Mifflin & Co.
Lancaster's History of England.	
Larned's English History.	Houghton, Mifflin & Co.
Montgomery's Facts in English History.	
Myers's History of Greece.	Ginn & Co.
Swinton's Outlines of World's History.	

ENGLISH.

Addison's The Sir Roger de Coverly Papers.	Thomas R. Shewell & Co.
Brooks' English Literature.	American Book Co.
Bryant's Thanatopsis and Others. English Classic Series.	
Buehler's Practical Exercises in English Composition.	Harper Bros.
Burke's American Taxation.	Maynard, Merrill & Co.
Burke's Conciliation with American Colonies.	
	Maynard, Merrill & Co.
Byron's Child Harold.	Houghton, Mifflin & Co.
Carlyle & Hawthorne's Legends of the Province House, etc. (Modern Classic Series).	

Carlyle's Essay on Burns.	Houghton, Mifflin & Co.
Chaucer's Prologue to the Canterbury Tales.	
Church's Stories from the Iliad.	
Church's Stories from Virgil.	
Coleridge's The Ancient Mariner.	American Book Co.
Cooper's Last of the Mohicans.	Houghton, Mifflin & Co.
DeFoe's The Plague Year.	Ginn & Co.
DeQuincey's Revolt of the Tartars.	American Book Co.
Dowden's Shakespeare.	American Book Co.
Dryden's Palamon and Arcite.	American Book Co.
Emerson's Select Essays and Poems.	
Eliot's Silas Marner.	Houghton, Mifflin & Co.
Franklin's Autobiography.	Houghton, Mifflin & Co.
Goldsmith's The Traveller and Deserted Village.	
Goldsmith's Vicar of Wakefield (small).	Houghton, Mifflin & Co.
Goldsmith's Vicar of Wakefield (large).	Houghton, Mifflin & Co.
Hawthorne's House of Seven Gables.	Houghton, Mifflin & Co.
Hill's Foundation of Rhetoric.	American Book Co.
Holmes' The Chambered Nautilus.	
Irving's Sketch Book.	Ginn & Co.
Lewis' A First Book in Writing English.	
Lockwood & Emerson's Composition and Rhetoric.	
Longfellow's Evangeline. (Modern Classics Series).	Ginn & Co.
Longfellow's Tales of a Wayside Inn.	Houghton, Mifflin & Co.
Lowell's My Garden Acquaintance.	Houghton, Mifflin & Co.
Lowell's The Vision of Sir Launfal.	Houghton, Mifflin & Co.
Macaulay's Essay on Lord Clive.	American Book Co.
Macaulay's Second Essay on the Earl of Chatham.	
Macaulay's Essays on Milton and Addison.	Ginn & Co.
Macaulay's Lays of Ancient Rome.	Houghton, Mifflin & Co.
Milton's L'Allegro, Il Penseroso, Comus and Lycidas.	
Milton's Paradise Lost, Book I. Sprague.	Houghton, Mifflin & Co.
Palgrave's Golden Treasury.	
Palmer's Translation of Homer's Odyssey.	Houghton, Mifflin & Co.
Pancoast's Introduction to American Literature.	
Pope's Iliad, Books I, VI, XXII, XXIV.	Houghton, Mifflin & Co.
Scott's Ivanhoe.	Houghton, Mifflin & Co.
Scott's Kenilworth.	
Scott's Lady of the Lake.	Houghton, Mifflin & Co.

Scott's Quentin Durward.	Ginn & Co.
Scott's Rob Roy.	Ginn & Co.
Scott's Lay of the Last Minstrel.	Houghton, Mifflin & Co.
Shakespeare's A Midsummer Night's Dream.	American Book Co.
Shakespeare's As You Like It, and Julius Cæsar, Vol. I. (Hudson edition).	Ginn & Co.
Shakespeare's Hamlet. (Hudson notes).	Ginn & Co.
Shakespeare's Macbeth, Eclectic English Classics.	American Book Co.
Shakespeare's Merchant of Venice. (Hudson edition).	Ginn & Co.
Shakespeare's Richard III.	American Book Co.
Southeys Life of Nelson.	American Book Co.
Southworth and Goddard's Elements of English Grammar.	
Spencer's Faerie Queen. (First Canto).	
Swift's Gulliver's Travels. (Selections).	Houghton, Mifflin & Co.
Tennyson's Elaine.	
Tennyson's Guinevere.	
Tennyson's The Coming and Passing of Arthur.	
Tennyson's The Holy Grail.	
Tennyson's The Princess.	Houghton, Mifflin & Co.
Thackeray's Vanity Fair.	
Underwood's American Authors.	
Underwood's British Authors.	
Webster's First Bunker Hill Oration.	Ginn & Co.
Whitney-Lockwood's English Grammar.	Ginn & Co.
Wordsworth's The Excursion and Ode to Immortality.	

GERMAN.

Boisen's German Prose.	D. C. Heath & Co.
Chamisso. Peter Schlemil's Wundersame Geschichte.	
Eichendorf's Aus dem Leben Eines Taugenichts.	D. C. Heath & Co.
Freytag. Aus dem Staat Friedrich's des Grossen.	
Goethe's Hermann and Dorothea.	
Goethe's Dichtung und Wahrheit.	
Grimm's Hans Marchen.	
Harris' German Composition.	D. C. Heath & Co.
Harris' German Lessons.	
Heine's Die Harzreise.	
Heath's German and English Dictionary.	D. C. Heath & Co.

Hewett's German Reader.	MacMillan & Co
Joynes' Meissners' German Grammar.	D. C. Heath & Co.
Otto's German Grammar.	
Lessing's Mina von Barnhelm.	
Riehl's Der Fluch der Schonheit.	
Schiller's Wilhelm Tell, Das Glied von der Glocke.	
Stein's German Composition.	
Von Hillern's Höher als die Kirche.	D. C. Heath & Co.
Wenckebach's Deutscher Anschauungs Unterricht.	
Wenckebach's Deutsche Grammatik.	
Wenckebach's Lyrics and Ballads, Die Schonstein Deutschen. Lieder.	Henry Holt & Co.

GREEK.

Autenrieth's Homeric Lexicon.	
Goodwin's Greek Grammar.	Ginn & Co.
Goodwin's Xenophon and Herodotus.	
Harper's Xenophon's Anabasis (for "Xenophon at Sight").	
Jones's Greek Prose Composition.	
Manatt's Xenophone's Hellenica, Books I-IV.	
Perrin's Homer's Odyssey (for "Homer at Sight").	
Seymour's School Iliad.	Ginn & Co.
White's First Lessons in Greek.	Ginn & Co.
White's First Greek Book.	
Whiton's Abridgement of Liddell and Scott's Greek Lexicon.	
Woodruff's Greek Prose Composition.	

LATIN.

Allen and Greenough's Cæsar (with vocabulary)	
	Ginn & Co.
Collar and Daniel's First Latin Book.	Ginn & Co.
Collar's Practical Latin Composition.	Ginn & Co.
Collar's Via Latina.	Ginn & Co.
D'Ooge's Select Orations of Cicero.	Benj. Sanborn Co.
Greenough's Virgil.	Ginn & Co.
Harkness's Latin Grammar.	American Book Co.
Harper's Virgil (for "Virgil at Sight").	American Book Co.
Jones's Latin Prose Composition.	Scott, Foreman & Co.
Kelsey's Selections from Ovid.	Allyn & Bacon
Lindsay's Nepos.	American Book Co.
Moulton & Collar's Preparatory Latin Composition.	Ginn & Co.

FRENCH.

About's <i>La Mere de la Marquise</i> .	
Bedolliere's <i>La Mere Michael et Son Chat</i> .	
Chardenal's Complete French Course.	Allyn & Bacon.
Cornelie's <i>Le Cid, Horace</i> .	
Daudet's <i>Le Siege de Berlin</i> .	
De Lamartine's <i>Graziella</i> .	
De Vigny's <i>Cinq Mars</i> .	
Dumas's <i>La Tulippe Noire</i> .	American Book Co.
Erckmann & Chatrian's <i>Le Conscrit de 1813</i> .	
Grandgent's Selections French Composition.	
	D. C. Heath & Co.
Grandgent's Short French Grammar.	D. C. Heath & Co.
Greville's <i>Dosia</i> .	
Halevy's <i>Un Mariage d'Amour</i> .	
Hennequin's Idiomatic French.	American Book Co.
Keetel's French Reader.	Maynard, Merrill & Co.
Labiche's <i>Le Voyage de M. Perrichon</i> .	
La Fontaine's <i>Fables</i> , Books I and II.	
Lamartine's <i>Jeanne d'Arc</i> .	
Merrimee's <i>Colombia</i> .	
Moliere's <i>L'Avare</i>	Ginn & Co.
Moliere's <i>Le Bourgeois Gentilhomme</i> .	
Racine's <i>Andromaque, Iphigenie</i> .	
Roulier's First Book in French Composition.	
Sand's <i>La Famille de Germandre</i> .	Ginn & Co.
Sand's <i>Le Mare au Diable</i> .	
Sandeau's <i>Mademoiselle de la Seigliere</i> .	
Scribe et Legouve's <i>Bataille de Dames</i> .	
Spiers' and Surenne's French and English Dictionary.	
	D. Appleton & Co.
Super's French Reader.	D. C. Heath & Co.
Van Daell's French Grammar.	

EVENING HIGH.

FRENCH.

Erckmann & Chatrian's <i>Contes Fantastiques</i> .	
	Cupples & Schoenhof.

PORTUGUESE.

Cabano's Portuguese Grammar.	Cupples & Schoenhof.
Chagas' <i>Historia Alegee de Portugal</i> .	Cupples & Schoenhof.

**SUPPLEMENTARY BOOKS USED IN THE
HIGH SCHOOL.**

American Poems.	
Anthon's Classical Dictionary.	
Appleton's School Physics.	American Book Co.
Arnold's Sohrab and Rustum.	Houghton, Mifflin & Co.
Bartlett's Familiar Quotations.	
Berlitz Methode fur den Deutschen Unterricht, Zweiter Theil.	Berlitz & Co.
Brewer's Reader's Handbook.	
Browning's Selected Poems.	Houghton, Mifflin & Co.
Bryant's Library of Poetry and Song.	
Carhart and Chute's Physics.	Allyn & Bacon.
Chamber's Encyclopedia.	
Chauvenet's Geometry.	J. B. Lippincott Co., Phil.
Collier's History of English Literature.	Thos. Nelson & Sons, N. Y.
Craik's English of Shakespeare, Julius Caesar.	
Davis's Physical Geography.	Ginn & Co.
Dicken's David Copperfield.	Ginn & Co.
Emerson's Addresses and Lectures.	
Emerson's American Scholar.	
Emerson's Essays.	
Fiske's Civil Government.	Houghton, Mifflin & Co.
French Dictionary.	
Gardner's Students History U. S.	
Gayley's Classic Myths in English Literature.	
Goldsmith's Plays.	
Goldsmith's Poems.	
Grandgent's Materials based on La Derniere Classe.	D. C. Heath & Co.
Grandgent's Materials of French Composition based on Le Siege de Berlin.	D. C. Heath & Co.
Greene's Short History of England.	American Book Co.
Hawthorne's Little Daffydowndilly.	Houghton, Mifflin & Co.
High School Music Reader.	
Hudson's Shakespeare, Vol. II.	Ginn & Co.
Irving's Tales of a Traveller.	
Kimball's Materials based on Colomba.	D. C. Heath & Co.
Larned's History for Ready Reference.	Houghton, Mifflin & Co.
Latin and English Lexicon.	

- La Tour de la France.
 Lippincott's Gazatteer.
 Lodge's Mechanics.
 Longfellow's Courtship of Miles Standish. Houghton, Mifflin & Co.
 Lord's Beacon Lights to History. Ford, Howard & Hulbert
 Lowell's Poems. Houghton, Mifflin & Co.
 Luquien's French Prose.
 Macaulay's Essays on Johnson.
 Macaulay's Essays on Goldsmith, Bunyan and Madame D'Aublay. American Book Co.
 Macaulay's Life and Writings of Addison.
 Macaulay's Milton and Byron. American Book Co.
 McCurdy's Exercises in Algebra.
 Manual of Mythology.
 Martin's English Language.
 Myer's Mediæval and Modern History. Ginn & Co.
 Milton's Comus. Ginn & Co.
 Mitchell's Old Story Tellers.
 Patriotic Selections.
 Perry's Bible Manual.
 Phillipot's Selections from Xenophon, Part I.
 Pylodet's La Litterature Francaise Contemporaine. Henry Holt & Co., N. Y.
 Pylodet's La Litterature Francaise Classique. Henry Holt & Co., N. Y.
 Richardson's Laboratory Manual of Chemistry.
 Scott's Poems. Houghton, Mifflin & Co.
 Scott's Woodstock. American Book Co.
 Scott's The Abbott. American Book Co.
 Scott's The Talisman. Houghton, Mifflin & Co.
 Shaler's First Book in Geology. D. C. Heath & Co.
 Shelley's The Skylark and Adonais.
 Smith's Principia Latina. American Book Co.
 Smith's Smaller History of Greece.
 Sprague's Masterpieces in English Literature. Lothrop Pub. Co.
 Strang's Exercises in English. D. C. Heath & Co.
 Tennyson's Poems, Complete. Houghton, Mifflin & Co.
 Thackeray's Essays on Prior, Gay, Pope, Hogarth, Smollett, Fielding, Sterne and Goldsmith.
 Thackeray's Essays on Swift, Congreve and Steele.
 Thackeray's The Four Georges.
 Thomas' Dictionary of Biology and Mythology.

The Euterpean.	
Webb's Model Etymology.	Eldredge & Bro., Phil.
Webster's Unabridged Dictionary.	
Well's Plane and Solid Geometry.	D. C. Heath & Co.
Wentworth and Hill's Algebra.	Ginn & Co.
Wheeler's Logarithms.	C. W. Sever & Co., Cambridge, Mass.
Wheeler's Trigonometry.	Ginn & Co.
White's Arithmetic.	American Book Co.
Whittier's Poems.	Houghton, Mifflin & Co.
Worcester's Small Dictionary.	Lippincott & Co., Phil.
Wordsworth's Selected Poems.	American Book Co.
Worman's German Echo.	American Book Co.

TEXT-BOOKS USED IN THE GRAMMAR SCHOOLS.

Aldrich & Forbes' Progressive Course in Reading, Fourth Reader, Part I.	Butler, Sheldon & Co.
Aldrich & Forbes' Progressive Course in Reading, Fourth Reader, Part II.	Butler, Sheldon & Co.
Aldrich & Forbes' Progressive Course in Reading, Fifth Reader, Part I.	Butler, Sheldon & Co.
Aldrich & Forbes' Progressive Course in Reading, Fifth Reader, Part II.	Butler, Sheldon & Co.
Blaisdell's How to Keep Well.	Ginn & Co.
Bradbury's Eaton's Practical Arithmetic.	Thompson, Brown Co.
Bradbury's Eaton's Elementary Arithmetic.	Thompson, Brown Co.
Collar & Daniel's First Latin Book.	Ginn & Co.
Gifford's Elementary Physics.	Thompson, Brown Co.
Grandgent's French Exercises.	D. C. Heath & Co.
Harrington's Speller, Parts I and II.	American Book Co.
Harkness' Latin Grammar.	American Book Co.
Heath's Natural System of Vertical Writing.	D. C. Heath & Co.

Hotchkiss' First French Book.	D. C. Heath & Co.
Hyde's Two-Book Course in English, Book I.	D. C. Heath & Co.
Hyde's Two-Book Course in English, Book II.	D. C. Heath & Co.
Judson's The Young American.	Maynard, Merrill & Co.
Judson & Bender's Graded Literature Reader, Fourth Book.	Maynard, Merrill & Co.
Judson & Bender's Graded Literature Reader, Fifth Book.	Maynard, Merrill & Co.
Longmans' Geography.	Longmans, Green & Co. N. Y.
Longmans' Atlas.	Longmans, Green & Co. N. Y.
Mason's National New Second Music Reader.	Ginn & Co.
Mason's National New Third Music Reader.	Ginn & Co.
Mason's National New Fourth Music Reader.	Ginn & Co.
May's Anatomy, Physiology and Hygiene.	Wm. Wood & Co.
Metcalf's English Grammar.	American Book Co.
Merrill's Vertical Writing Books.	Maynard, Merrill & Co.
Montgomery's The Leading Facts of American History.	Ginn & Co.
Nichol's Mathematical Problems.	Thompson, Brown Co.
Prang's Drawing Books.	Prang Educational Co.
Prince's Arithmetic, Part IV.	Ginn & Co.
Prince's Arithmetic, Part V.	Ginn & Co.
Prince's Arithmetic, Part VI.	Ginn & Co.
Redway's Natural Advanced Geography.	American Book Co.
Redway's Natural Elementary Geography.	American Book Co.
Seaver & Walton's Mental Arithmetic.	Butler, Sheldon & Co.
Webster's High School Dictionary.	American Book Co.
Webster's Academic Dictionary.	American Book Co.

**APPROVED LIST OF SUPPLEMENTARY BOOKS
USED IN GRAMMAR SCHOOLS.**

GRADE V.

Baldwin's Old Greek Stories.	American Book Co.
Eggleston's Stories of American Life and Adventure.	American Book Co.
Hall's Our World Reader, No. I.	Ginn & Co.
Longfellow Leaflets.	Houghton, Mifflin & Co.
Norton's Heart of Oak Series, No. 3.	D. C. Heath & Co.
Wright's Seaside and Wayside, No. 2.	D. C. Heath & Co.

SPECIAL STUDY IN LITERATURE.

Longfellow's Hiawatha.	Houghton, Mifflin & Co.
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GRADE VI.

Baldwin's Old Stories of the East.	American Book Co.
Dana's Plants and Their Children (also in VII).	American Book Co.
Eggleston's Elementary History of U. S.	American Book Co.
Francillon's Gods and Heroes.	Ginn & Co.
Norton's Heart of Oak Series, No. 4.	D. C. Heath & Co.
Ruskin's King of the Golden River.	Ginn & Co.
Wright's Seaside and Wayside, No. 3.	D. C. Heath & Co.

SPECIAL STUDY IN LITERATURE.

Longfellow's Courtship of Miles Standish.	Houghton, Mifflin & Co.
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GRADE VII.

By Land and Sea.	Perry, Mason & Co.
Dana's Plants and Their Children.	American Book Co.
Guerber's The Story of Greece.	American Book Co.
Hawthorne's Grandfather's Chair.	Houghton, Mifflin & Co.
Higginson's Young Folks' History U. S.	Longmans, Green & Co.
Kingley's Water Babies.	Ginn & Co.

SPECIAL STUDY IN LITERATURE.

Longfellow's Evangeline.	Houghton, Mifflin & Co.
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GRADE VIII.

Guerber's The Story of the Romans.	American Book Co.
Hawthorne's Tanglewood Tales.	Houghton, Mifflin & Co.
Irving's The Sketch Book.	Houghton, Mifflin & Co.
Smith's Life in Asia.	Silver, Burdett & Co.

SPECIAL STUDY IN LITERATURE.

Whittier's Snow Bound.	Houghton, Mifflin & Co.
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GRADE IX.

Ballou's Footprints of Travel.	Ginn & Co.
Eliot's Selections from American Authors.	Sheldon & Co.
Lamb's Tales from Shakespeare.	Ginn & Co.
Lodge's Ballads and Lyrics.	Houghton, Mifflin & Co.
Thayer's Ethics of Success.	Silver, Burdett & Co.

SPECIAL STUDY IN LITERATURE.

Lowell's The Vision of Sir Launfal.	Houghton, Mifflin & Co.
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**APPROVED LIST OF REFERENCE AND
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COURSE OF STUDY.**

GRADE V.

Carroll's Alice in Wonderland.	Educational Pub. Co.
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GRADE VI.

De La Ramee's Binbi Stories.	Ginn & Co.
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GRADE IX.

Holmes' Complete Poems, Household edition.	Houghton, Mifflin & Co.
Longfellow's Complete Poems, Household edition.	Houghton, Mifflin & Co.
Macaulay's Lays of Ancient Rome.	Houghton, Mifflin & Co.
Scott's The Lady of the Lake.	Houghton, Mifflin & Co.
Tennyson's Complete Poems, Household edition.	Houghton, Mifflin & Co.

SETS OF SUPPLEMENTARY BOOKS FOR OCCASIONAL READING.

Anderson's Historical Reader.	Maynard, Merrill & Co.
Choice Readings in Nature's Book.	
Collier's British History.	Thos. Nelson & Sons
Dicken's Child's History of England.	American Book Co.
Golden Book of Choice Readings.	American Book Co.
Goodrich's History of U. S.	Butler, Sheldon & Co.
Hooker's Child's Book of Nature, Parts I, II, III, IV.	American Book Co.
Johannot's Geographical Reader.	American Book Co.
Longfellow's Hiawatha.	Houghton, Mifflin & Co.
Metcalf's Language Exercises.	American Book Co.
Scott's Lady of the Lake.	
Scott's Quentin Durward.	
Scribner's Geographical Reader.	
Steele's Physiology	American Book Co.
Swinton's Book of Tales.	
Swinton's American Classics.	
Swinton's English Classics.	
Underwood's American Authors.	Lee & Shepard
Wyse's Swiss Family Robinson.	

SUPPLEMENTARY BOOKS IN SETS OF THREE FOR GENERAL READING.

Abbott's Blue Jackets of 1776.	
Abbott's Blue Jackets of 1812.	
Abbott's Blue Jackets of 1861.	
Aesop's Fables, Vols. I and II.	Henry Holt & Co.
Alcott's Little Men.	
Arabian Nights.	American Book Co.
Burnett's Little Lord Fauntleroy.	
Clemens' Prince and Pauper.	Harper Bros.
Frye's Child and Nature.	Ginn & Co.
Gayley's Classic Myths in English Literature.	
Goldsmith's Vicar of Wakefield.	
Hodge's Hans Brinker.	Chas. Scribner's Sons

Martineau's The Peasant and the Prince.	University Pub. Co.
McDonald's At the Back of the North Wind.	
Montgomery's Heroic Ballads.	Geo. Routledge & Sons
Scudder's Fables and Folk Stories.	Ginn & Co.
Sewell's Black Beauty.	Houghton, Mifflin & Co.

TEXT-BOOKS USED IN THE PRIMARY SCHOOLS.

Aldrich & Forbes' Progressive Course in Reading, First Book.	
	Butler, Sheldon & Co.
Aldrich & Forbes' Progressive Course in Reading, Second Book.	
	Butler, Sheldon & Co.
Aldrich & Forbes' Progressive Course in Reading, Third Book.	
	Butler, Sheldon & Co.
Child's Health Primer.	A. S. Barnes & Co.
Heath's Natural System of Vertical Writing.	D. C. Heath & Co.
Hyde's Two-Book Course in English, Book I.	
	D. C. Heath & Co.
Judson & Bender's Graded Literature Readers, First Book.	
	Maynard, Merrill & Co.
Judson & Bender's Graded Literature Readers, Second Book.	
	Maynard, Merrill & Co.
Judson & Bender's Graded Literature Readers, Third Book.	
	Maynard, Merrill & Co.
Merrill's Vertical Writing Books.	Maynard, Merrill & Co.
Mason's National New Second Music Reader.	
	Ginn & Co.
Prang's Drawing Books	Prang Educat'al Pub. Co.
Prince's Arithmetic, Part II.	Ginn & Co.

SUPPLEMENTARY BOOKS USED IN THE PRIMARY SCHOOLS.

GRADE I.

Arnold & Gilbert's Stepping Stones to Literature, First Reader.	
Bass's The Beginner's Book.	Silver, Burdett & Co.
Blaisdell's Child Life, Part I.	D. C. Heath & Co.
Crosby's Our Little Book for Little Folks.	Macmillan Co.
Cyr's The Children's Primer.	American Book Co.
The Werner Primer.	Ginn & Co.
	Werner Co.

GRADE II.

Arnold & Gilbert's Stepping Stones to Literature, First Reader.	
Bass's Plant Life.	Silver, Burdett & Co.
Carroll's Round the World, Part I.	D. C. Heath & Co.
Cyr's The Children's First Reader.	Morse Co.
Davis's Animals, Wild and Tame.	Ginn & Co.
Ford's Nature's Byways.	Educational Pub. Co.
Lane's Stories for Children.	Morse Co.
	American Book Co.

GRADE III.

Arnold & Gilbert's Stepping Stones to Literature, Second Reader.	
Bass's Animal Life.	Silver, Burdett & Co.
Carroll's Round the World, Part I.	D. C. Heath & Co.
Cyr's The Children's Second Reader.	Morse Co.
Eggleston's Stories of Great Americans for Little Americans.	Ginn & Co.
Scudder's Fables and Folk Stories.	American Book Co.
Strong's All the Year Round, Autumn.	Houghton, Mifflin & Co.
Strong's All the Year Round, Winter.	Ginn & Co.
Strong's All the Year Round, Spring.	Ginn & Co.
Wilson's Nature Study in Elementary Schools, Second Reader.	Ginn & Co.
	Macmillan Co.

GRADE IV.

Andrew's Seven Little Sisters.	Ginn & Co.
Andrew's Each and All.	Ginn & Co.

Arnold & Gilbert's Stepping Stones to Literature, Third Reader.	Silver, Burdett & Co.
Carroll's Round the World, Part II.	Morse Co.
Clyde & Wallace's Through the Year, Book I.	Silver, Burdett & Co.
Clyde & Wallace's Through the Year, Book II.	Silver, Burdett & Co.
Cyr's The Children's Third Reader.	Ginn & Co.
Egglesston's Stories of American Life and Adventure.	American Book Co.
Norton's Heart of Oak Series, No. II.	D. C. Heath & Co.
Scudder's Hans Anderson's Stories.	Houghton, Mifflin & Co.

**APPROVED LIST OF REFERENCE AND
LIBRARY BOOKS NAMED IN THE
COURSE OF STUDY.**

GRADE I.

Baldwin's Fairy Stories and Fables.	American Book Co.
Beecher's The Anxious Leaf.	
Bellamy & Goodwin's Open Sesame, Vol. I.	Ginn & Co.
Brook's Stories of the Red Children.	Educational Pub. Co.
Field's Love Songs of Childhood.	Chas. Scribner's Sons.
Lovejoy's Nature in Verse.	Silver, Burdett & Co.
Poulsson's In the Child's World.	Milton, Bradley & Co., Springfield.
Shutes' Land of Song, Vol. I.	
Stevenson's Poems.	Chas. Scribner's Sons.
Wiltse's Folk-lore Stories and Proverbs.	Ginn & Co.

GRADE II.

Baldwin's Fairy Stories and Fables.	American Book Co.
Bellamy & Goodwin's Open Sesame, Vol. I.	Ginn & Co.
Eddy's Friend's and Helpers.	Ginn & Co.
Grimm's German Household Tales.	Houghton, Mifflin & Co.
Ingelow's Seven Times One.	
Longfellow's Complete Poems, Household edition.	Houghton, Mifflin & Co.
Lovejoy's Nature in Verse.	Silver, Burdett & Co.
Poulsson's In the Child's World.	Milton, Bradley & Co., Springfield.

Shaw's Big People and Little People of Other Lands.

American Book Co.

Shute's Land of Song, Vol. I.

Wilson's Nature Study in Elementary Schools, Second Reader.

Macmillan & Co.

GRADE III.

Bellamy & Goodwin's Open Sesame, Vol. I. Ginn & Co.

Dole's The Young Citizen. D. C. Heath & Co.

Holmes' Complete Poems, Household edition.

Houghton, Mifflin & Co.

Larcom's Sir Robin.

Longfellow's Complete Poems, Household edition.

Houghton, Mifflin & Co.

Lovejoy's Nature in Verse.

Silver, Burdett & Co.

Muloch's Adventures of Brownie.

A. L. Burt, N. Y.

Pratt's America's Stories for America's Children, Book I.

D. C. Heath & Co.

Payne's Geographical Nature Studies.

American Book Co.

Shute's Land of Song, Vol. I.

Whittier's Complete Poems, Household edition.

Houghton, Mifflin & Co.

Wilson's Nature Study in Elementary Schools, Second Reader.

Macmillan & Co.

GRADE IV.

Bellamy & Goodwin's Open Sesame, Vol. I. Ginn & Co.

Heman's Landing of the Pilgrims.

Hunt's Legend of Christopher.

Kipling's The Jungle Book. Century Co.

Lowell's Complete Poems, Household edition.

Houghton, Mifflin & Co.

Pratt's Legends of Norseland.

Educational Pub. Co.

Scudder's A Book of Legends.

Houghton, Mifflin & Co.

Tennyson's Complete Poems, Household edition.

Houghton, Mifflin & Co.

Whittier's Complete Poems, Household edition.

Houghton, Mifflin & Co.

**APPROVED LIST OF REFERENCE AND
LIBRARY BOOKS NOT NAMED IN
THE COURSE OF STUDY.**

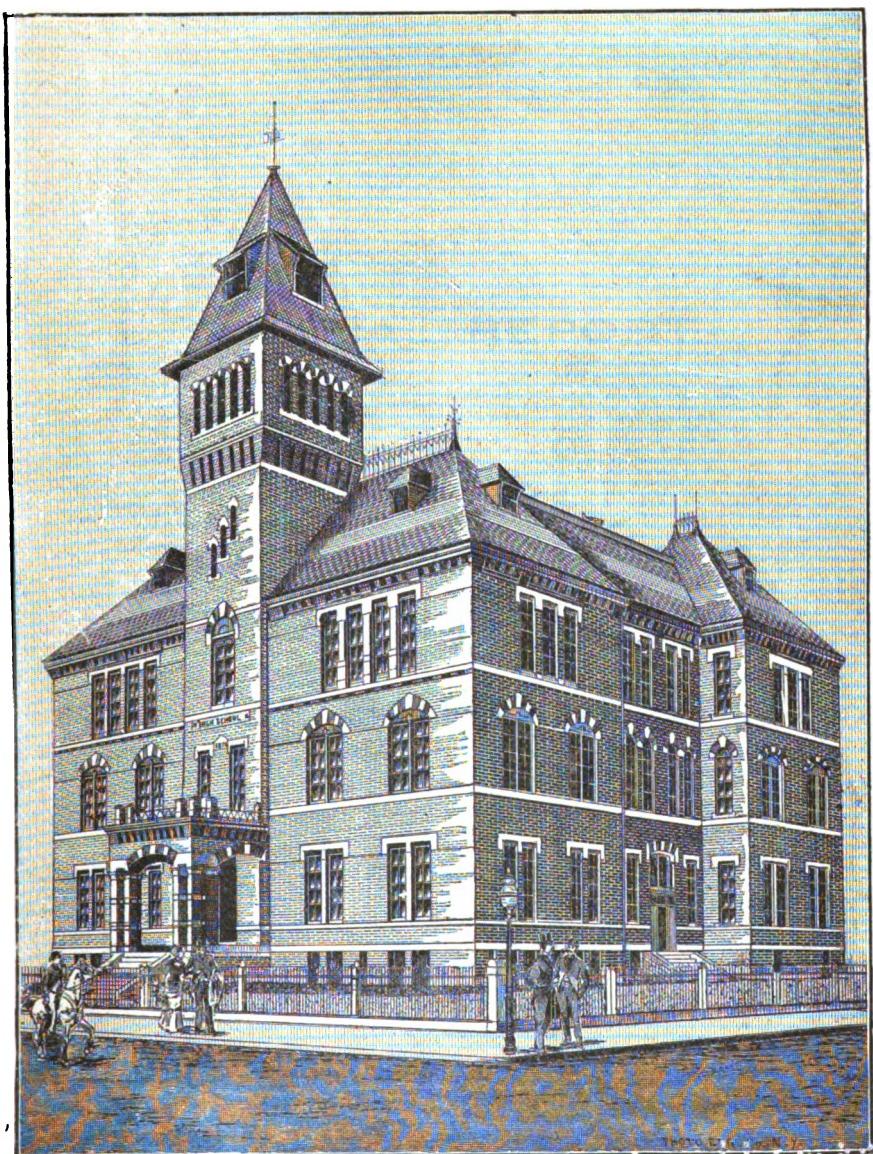
Arnold & Kittredge's The Mother Tongue.	Ginn & Co.
Beal's Seed Dispersal.	Ginn & Co.
Bergen's Elements of Botany.	Ginn & Co.
Burton's Stories of the Indians of New England.	The Morse Co.
Buckley's Life and Her Children.	D. Appleton & Co.
Buckley's Winner's in Life's Race.	D. Appleton & Co.
Buckley's Fairy Land of Science.	D. Appleton & Co.
Chapman's Handbook of Birds of Eastern North America.	D. Appleton & Co.
Chatty Readings in Elementary Science, Books I, II.	Longmans, Green & Co.
Comstock's Insect Life.	D. Appleton & Co.
Dickson's From the Old World to the New	Macmillan Co.
Dana's How to Know the Wild Flowers.	Chas. Scribner's Sons.
Flagg's A Year Among Trees.	Educational Pub. Co.
Frye's Brooks and Brook Basins.	Ginn & Co.
Gayley's Classic Myths in English Literature.	Ginn & Co.
Gilbert & Harris' Graded List of Poems and Stories.	Silver, Burdett & Co.
Gymnastic Games—Alumni of Boston Normal School of Gymnastics.	Geo. H. Ellis, Printer, Boston.
Headland's The Chinese Boy and Girl.	Fleming H. Revell Co.
Hervey's Flora of New Bedford.	H. S. Hutchinson.
Hodge's Nature Study and Life.	Ginn & Co.
Howland's Practical Hints for Teachers.	D. Appleton & Co.
Howland's Practical Hints for the Teachers of Public Schools.	D. Appleton & Co.
Hyatt's Science Guides, Pebbles.	D. C. Heath & Co.
James' Talks to Teachers.	Henry Holt & Co.
Joy's Arithmetic Without a Pencil.	D. C. Heath & Co.
Judd's Classic Myths.	Rand, McNally & Co.
Judd's Wigwam Stories.	Ginn & Co.
Keeler's Our Native Trees.	Chas. Scribner's Sons.
Kellogg's Teaching Reading in Ten Cities.	Educational Pub. Co.
Laing's Reading, a Manual for Teachers.	D. C. Heath & Co.

Long's Secrets of the Woods.	Ginn & Co.
Long's Ways of Woodfolk.	Ginn & Co.
Long's Wilderness Ways.	Ginn & Co.
Malleson's Early Training of Children.	D. C. Heath & Co.
McMurry's Elements of General Methods.	Public School Pub. Co., Bloomington, Ill.
McMurry's Methods of the Recitation.	Public School Pub. Co., Bloomington, Ill.
Menefee's Child Stories from the Masters.	Rand, McNally & Co.
Newell's Outlines of Lessons in Botany, Part I.	Ginn & Co.
Newell's Outlines of Lessons in Botany, Part II.	Ginn & Co.
New Hampshire College Leaflets.	Durham, N. H.
Perdue & Griswold's Language Through Nature, Literature and Art.	Rand, McNally & Co.
Shaler's A First Book in Geology.	D. C. Heath & Co.
Smith's Eskimo Stories.	Rand, McNally & Co.
Schwatka's Little Children of the Cold.	Educational Pub. Co.
Starr's American Indians.	D. C. Heath & Co.
Starr's Strange People.	D. C. Heath & Co.
Tarr & McMurry's Home Geography.	Macmillan Co.
Waterman, Claymonds & Hughes' Graded Memory Selections.	Educational Pub. Co.
Weed's Seed Travelers.	Ginn & Co.
Weed's Stories of Insect Life, Part I.	Ginn & Co.
Weed's Stories of Insect Life, Part II.	Ginn & Co.

SUPPLEMENTARY BOOKS IN SETS OF THREE.

Baldwin's Readers.	Educational Pub. Co.
Brook's Stories of the Red Children.	Educational Pub. Co.
Chaplin & Humphrey's Little Folks of Other Lands.	Lothrop & Co.
Grimm's German Household Tales, III, IV	American Book Co.
Holbrook's Hiawatha Primer.	Houghton, Mifflin & Co.
Longfellow's Leaflets, Riverside Press,	Houghton, Mifflin & Co.
(Longfellow, Whittier, Lowell, Holmes.)	

Macomber's Stories of Great Inventors, (Fulton, Whitney, Morse, Cooper, Edison)	Educational Pub. Co.
Pratt's Legends of Norseland.	Educational Pub. Co.
Pratt's Stories of Colonial Children.	Educational Pub. Co.
Whittier's Child Life, selections from.	Houghton, Mifflin & Co.
Young Folks Library. Lincoln, No. 31. Franklin, No. 29.	Educational Pub. Co.



PRESENT HIGH SCHOOL BUILDING.

**ANNUAL REPORT
OF THE
SUPERINTENDENT
OF SCHOOLS
FOR THE YEAR
1902.**

Memorandum

Report of the Superintendent.

To the School Committee:

LADIES AND GENTLEMEN:—I herewith submit my Fifteenth Annual Report. It is the forty-second in the series of annual reports of the Superintendent of Schools of the city.

By vote of your Board, this report, together with that of the Secretary, is to constitute the Annual Report of the School Committee.

There is not much that is new to chronicle of the schools for the past year. As few changes have been made as during any year of my incumbency. Some additional rooms have been opened in the north and in the south sections of the city. The Parker Street school was colonized for several months in the fall pending the re-building of the schoolhouse, and several of the grades had but little more than half time school hours for some months. I do not think, however, that the pupils have suffered as much loss in their studies as might be expected.

The course of study for the elementary schools put into operation a year or more ago is now in good working order, and as the teachers are becoming familiar with it the results are a closer unification in the work throughout the schools.

A complete readjustment of the high school course is under way and will be ready for consideration by the Committee within a short time.

I am anxious to bring the high and grammar schools into still closer relation. For this purpose I would have those

pupils who intend to enter the high school begin high school work in the ninth grade. A step was taken in this direction nearly two years ago when Latin and French were introduced as options in the ninth grade. But of this I will speak more fully in another part of this report.

One of the most important works accomplished during the year was a thorough review of the Rules and Regulations of the Board. The Committee on Rules gave a great deal of time and thought to the revision, with the result that the Rules and Regulations of the Board are now more complete and clearer than ever before.

Judge F. A. Milliken, a member of the Committee, prepared complete excerpts from the Constitution of Massachusetts, the Charter of New Bedford, and the Revised Laws of Massachusetts relating to schools, with annotations. These were published as an appendix to the rules, and are a valuable addition to them.

Our city is growing rapidly, and the school system is becoming under modern conditions more and more complex. It requires a large amount of money each year to maintain it, and the cost per pupil is much larger than it was a few years ago. We are rapidly outgrowing the form of administration that has prevailed in the past. If the schools are to be conducted in the future that the greatest efficiency may be secured for the amount of money expended careful consideration must be given by the Board to the whole subject of organization and administration.

A new expert has come into the business world within a few years known as a "Productive Engineer who installs Economical Methods."

Great manufacturing industries, railroad corporations and others have employed him to show them how better results might be obtained in their affairs. He has taken these, reorganized them, and made them exceedingly profitable where before profits were unsatisfactory, and

has done it only by the application of the best of administrative principles in each case. It might be well if the schools in all our cities could have the application of such methods to them.

We are in danger of losing sight in great measure of the true ends of education in the machinery with which the schools are encumbered; and I am more and more impressed as my experience widens with the waste that prevails in most of the school systems of this country.

The children enjoy almost every advantage that can be given them both in practical education, so called, and in general culture. But few school systems, however, are getting the best results possible for the amount expended, or are even approximating the best results.

New York city is today spending far more money per pupil on her schools than ever before. But never on the other hand were such sound business principles applied to their administration. The result is, she is taking such strides to the front in educational matters that she will soon stand at the head of the world in her school system.

A wise administration of schools means good teachers first of all and good salaries paid them; it means advancement in the teaching corps for merit and merit only; it means the retirement of teachers on part pay after years of faithful service and before they become an injury to the schools; it means thorough expert supervision; it means high standards of accomplishment in every line of work; it means healthful surroundings for pupils and teachers and a careful nurturing of their health and strength in every way.

But it does not mean buildings so costly and so constructed, that the resources needed for education and training are used up in maintaining these buildings; it does not mean the flooding of the schools with materials de luxe and articles of vertu, to the exclusion of other

things, and making the paths of the pupils those of flowery ease.

The schoolroom is above all the workroom of the child, and that he should not lose sight of, if he is to secure there the training that will best serve him in after-life. I plead for wise and careful expenditures, and work, steady enlightened work in our schools, for on these two things will depend their success and highest usefulness.

ATTENDANCE.

Among the tendencies in modern school life, is a dislike on the part of many children for regular attendance at school and for persistent effort in overcoming difficulties. This dislike may be, and undoubtedly is a natural inclination of children. But unfortunately this inclination is encouraged more in each generation by many of their elders through weakness or want of serious consideration.

It seems to me that there is an ever increasing feeling that school is not a serious occupation, and that it may be put aside for almost anything that occurs. A demand is made that the schools shall be closed in case of severe storm. From this a feeling grows that there should not be a school in any kind of a storm. Some one desires to get up some kind of entertainment, an operetta, a kirmess, or something of the kind in which a number of children are needed, and the school attendance will fall off largely for weeks. It may be a circus, or a parade or a county fair, or many another affair, and the work of the schools must be interrupted that all may see the passing pageant.

Add to all these things the regular holidays, the vacations of three months a year, and the enforced absences and is it any wonder that children learn to look upon

school as something else than a preparation for life and of supreme importance. Is it strange that the feeling infects some teachers even, and they become somewhat unappreciative of the value of regular, uninterrupted work.

I am often asked, why is it that many boys and girls who fail in the public schools if sent away to a boarding school are successful in their work. My reply invariably is because at the boarding school they are compelled to be regular in their habits of diet, sleep and work. The indulgent parent is not there to permit social dissipation, unwholesome food, and other things that cause unfitness for work or its avoidance.

Imagine if one can a successful industry managed on the plan that schools are run. As competition grows stronger in this country of ours some of our ideas will greatly change in regard to the administration of our schools. There has been such an improvement in many ways in public education during the past thirty years that many of its friends become blind to its real faults. They are inclined to defend criticism of it of whatsoever nature.

I would not deprive children of anything that will enhance their joy of living. But their true happiness must come not through ease and the avoidance of duty. It must come rather from strength of body and will. It must come from ability to do and overcome or else they grow up a weak and effeminate race, who, if they go not wrong, are wanting in that virility that makes the true man or woman and leads to success in life.

There is not a schoolman of wide experience who does not recall with sorrow the wrecks that strew the pathway of school-life for which there is little excuse. And instead of decrease in this direction there is increase. For this reason the schools are called Godless and accused of failure in their moral training.

The schools have their weaknesses and their faults, but these can be remedied in large measure when the

public cease to countenance and contribute to them. One way to do this is for the public to demand that for no slight reason shall the schools be closed or interrupted, and by those who have children attending the schools seeing to it that they are regular and punctual in their attendance.

The table of attendance in another part of the report shows the detailed attendance, tardiness, dismissals, etc.

The exhibit is not satisfactory. It shows that out of the forty weeks of five days each the schools have been closed more than two weeks for holidays, storms, etc. That the average daily attendance is twenty per cent. less than the enrollment and seven and a half per cent. less than the average number belonging. There are thousands of cases of tardiness, and many more thousands of cases of dismissal.

There are too many cases of teacher's absence, and too many cases of their tardiness. The majority of the cases of the teacher's absence as well as their pupils are for sickness, but there are many for other reasons, and in both cases many should have not occurred.

LABOR CERTIFICATES.

The granting of labor certificates engrosses a great deal of the time of the clerks in the office of the superintendent. Until within a year only minors between the ages of 14 and 16 were required to have certificates in order to work. But the legislature of 1891-92 enacted the following law:—

REVISED LAWS, CHAPTER 106, SECTION 35. While a public evening school is maintained in the city or town in which any minor who is over fourteen years of age and who does not have a certificate signed by the superintendent of schools, or by the school committee, or by some person acting under authority thereof, certifying to the

minor's ability to read at sight and write legibly simple sentences in the English language resides, no person shall employ him and no parent, guardian or custodian shall permit him to be employed unless he is a regular attendant at such evening school or at a day school; but, upon presentation by such minor of a certificate signed by a registered practicing physician and satisfactory to the superintendent of schools, or, if there is no such superintendent, to the school committee, showing that his physical condition would render such attendance in addition to daily labor prejudicial to his health, said superintendent or school committee shall issue a permit authorizing the employment of such minor for such period as said superintendent or school committee may determine. Said superintendent or school committee, or teachers acting under authority thereof, may excuse any absence from such evening school which arises from justifiable cause. Any minor not holding the certificate described above shall furnish to his employer a record of his school attendance each week while the evening school is in session, and when this record shows unexcused absences from the sessions his attendance shall be deemed irregular according to this act. Whoever employs a minor in violation of the provisions of this section shall forfeit not more than one hundred dollars for each offence to the use of the evening schools of such city or town. A parent, guardian or custodian who permits a minor under his control to be employed in violation of the provisions of this section shall forfeit not more than twenty dollars to the use of the evening schools of such city or town.

Prior to the passage of this act the number of certificates annually issued was between 800 and 1000. But the new law affected every minor in the city who desired to work. Now no minor in the city can work without a certificate from the office of the superintendent of schools, and if he cannot read and write in the English language he must attend the evening school. This applies to girls as well as boys.

The result of the passage of this act has been a great increase in the work of issuing certificates. When the law was put into operation it was necessary to open centres in different parts of the city where these certificates could be issued, and hundreds were issued in a few weeks.

In the issuance of these certificates the manual work of filling them out is but a small part of the time required. In the city are people of many nationalities who have come here within a few years. Many of them can not speak English and have no record of their children's birth that they can exhibit. They are anxious to get their children at work, and often have rather hazy knowledge of their exact ages.

To satisfy the law it is necessary to question them closely, to have them read and write or show their inability to do so, and compel them to send to their native country for a birth certificate. These matters alone consume much time and have added much to the burdens of the office.

	1901.	1902.
Labor certificates granted,	785	1,011—increase 226
Duplicate certificates granted,	33	35—increase 2

TRUANCY.

Truancy is absence from school without permission of teachers or parents. There were recorded during the past year by the teachers 292 truants.

It is not always easy to determine truancy. Unfortunately some cases of truancy are assumed by the parents of the offenders to protect the children. Truancy is almost always the precursor of crime, if not checked in its incipient stage. Of the cases enumerated fortunately many cases may be attributed to an individual. Truancy is generally caused by unwholesome home influences. If it is not it is easily checked. Habitual truants usually come from homes where the conditions cause one to sorrow for the children and to wish for the power to rescue them permanently from such influences.

In every city there will always be a contingent of truants. The activity and zeal of the officers acting in unison with the efforts of the teachers alone keep it in check.

There are no more prolific causes of truancy than drink, cigarettes, dime shows, and circuses. As these are evidently to be with us always, truancy will continue to prevail, and all that can be hoped for is to keep it at a minimum.

Below are given the report of the two truant officers of the city.

REPORT OF HENRY SMITH, TRUANT OFFICER.

Schools visited	1945
Absences reported by teacher	844
Absences without permission	52
Second offences	16
Third offences	8
Parents or guardians notified	877
Taken to school from street	19
Arrests	4
Prosecution	4
Sent to truant school	4
Transfer cards received	498
Evening school absences investigated	225
Visit to mills	87
Violation of labor laws	8

REPORT OF WILLIAM A. BAKER, TRUANT OFFICER.

Schools visited	1937
Absences reported by teacher	922
Absences without permission	78
Second offences	11
Third offences	6
Parents or guardians notified	1014
Taken to school from street	41
Arrests	7
Prosecutions	7
Sent to truant school	7
Transfer cards received	357
Evening school absences investigated	223
Visits to mills	83

SCHOOLHOUSES.

Nearly all the primary schoolhouses in the city have either been built during the last fifteen years or have been so far remodeled as to be as good as new. But with the exceptions of the R. C. Ingraham and the John Henry Clifford, completed two years ago, the grammar buildings are old. The rooms are most of them smaller than those of modern buildings, the corridors are not so large, and the ventilation is chiefly by windows.

The Middle Street schoolhouse was built in 1844, the Parker Street in 1852, and the Fifth Street in 1860.

The Middle Street is in some respects the poorest type of them all as well as the oldest. The rooms are the smallest, and the corridors also. The building is not large enough for the district, and a class has been seated for years in one corner of the assembly hall. Were it not that it is intended to use the present high school building for a grammar school when the proposed high school is built, the City Government would have been asked to build a new grammar schoolhouse in that part of the city to replace the Middle street building. But with this change in view the City Government was asked instead to remodel the Parker Street schoolhouse, the second oldest of the three schools, and money was appropriated for that purpose. The original plan called for installing new heating and ventilating apparatus, for new and modern sanitaries, for new windows throughout the building, for changing the roof to make the two rooms in the third story suitable, and for some minor changes. But when work was under way the weakness of the timbers in the old building was so manifest, that much more work was necessitated than was at first contemplated, and the cost was \$36,366.61, instead of \$25,765.00, the amount first appropriated for the work.

In view of the amount expended to put the building into its present condition, which is good, it is true, but

especially because the building is not now large enough to accommodate the pupils in the district within one hundred or more, it would have been far better to have purchased the land between the present lot and Summer street and to have erected thereon a new sixteen-room schoolhouse that would have accommodated all the pupils in the district. As it is, it will soon be necessary to use the old Linden Street schoolhouse as an overflow, when the Horatio B. Kempton schoolhouse is filled with primary children, and continue them there until another schoolhouse is built or the present one is enlarged.

Another twelve-room schoolhouse is needed in the south part of the city near the R. C. Ingraham school, to be used partly as a primary and partly as a grammar school. There are now two overflow grammar rooms located in the attic of the Thompson Street schoolhouse; two ungraded classes in a hall, one primary class in a store, and one primary class in a corridor.

With the opening of the large Butler mill there will undoubtedly be a marked increase in population in that part of the city. The T. A. Greene and Acushnet schools also need relief. Three portable schoolhouses are being built, one to be located on the T. A. Greene school lot and two on the I. W. Benjamin school lot as a temporary expedient to meet the congestion.

The School Committee sent a communication to the City Council in October, 1902, asking for an addition to the Acushnet schoolhouse at Lund's Corner that the North and Plainville schools might be abolished, but no decisive action has been taken upon the matter to my knowledge.

The question of greatest moment that is before the Committee and the city, is the building of a new high schoolhouse. This I shall discuss in a separate article and in connection with the work of the high school and its future needs.

THE HIGH SCHOOL.

The contrast between an up-to-date high school and the high school of fifty years ago is as great as that between the "deestrict skule of Pigwacket Center," as portrayed by Dr. Holmes in *Elsie Venner*, and the best elementary school that you find in the towns and cities of Massachusetts today.

Our high school in attempting to hold its place in the van of progress finds itself hampered in every department with insufficient room, and with deficiencies that try the patience of teachers, and restrict the desires of ambitious pupils. It fails altogether to reach a large class who desire an opportunity to come in touch with an education that will fit them to enter into the great industrial movement which has sent this nation of ours with leaps and bounds during the past few years to the forefront of the great nations in their intense struggle for commercial supremacy.

There has been marked progress, however, in the school in essential matters of education during the past three years, notwithstanding the conditions. This is due in large measure to the untiring industry, the sound scholarship, the high ideals, and the thorough comprehension of educational methods by its principal. The teachers have responded to his efforts to raise the intellectual and moral standard of the school to its highest possibilities, and the School Committee has striven to strengthen every weak position by securing the best talent available for the teaching force when vacancies occur, or to go even farther and make merit the security for position in it, that a teaching force may be built up in the school which will be worthy of the contemplated new building and the larger opportunities it will give. The Committee has done more, it has shown to the pupils of the school that it is not to be a lounging place for those who are idle and indifferent,

but a place where earnest work must be done or delinquents must suffer the consequences.

This position taken by the Committee is one of the most promising for the future of the school. There has been unfortunately in the past too great leniency exercised in admissions to the school and toward pupils in it, who not only were doing little or no work themselves but were exercising a pernicious influence over others in the school.

A high school properly conducted is a tremendous influence for good in any community, and is worth all it costs; but one that accepts a low standard of scholarship, that permits idleness and constant distraction from the highest purposes of education, is a menace to all that the public school system stands for and which the American people believe in.

Why should a minority of pupils supported in their lack of purpose by indulgent or short-sighted parents be permitted to lower the standard of a costly high school, or any other school supported by public funds for the public good? The study of the public school system by every intelligent foreigner finds one of its greatest weaknesses in the want of proper support in many homes. This is not as it should be, and if there are those who have fallen away from the tradition of our forefathers in adherence to duty, I do not believe they are in the majority, yet they too often exercise influence that wisdom and sober thought cannot with conviction countenance.

During the past year certain pupils were dropped out of the high school and others were put on probation. In every case those who were dropped acknowledged to gross neglect of their work. Those who were put on probation entered upon their studies with effort before not shown. Most of them redeemed themselves. A few failed to do so. Those who do their best and fail I believe should be dealt with leniently. It may be that the fault is not wholly theirs. It may be, and is undoubtedly true, that

some are the victims of poor teaching in the elementary schools, or even in the high school itself, for such teaching exists in both, and furnishes one of the chief sources of criticism of our schools.

If there is no other way to get rid of weak, incompetent teachers but by a pension system, then for the sake of the helpless children let us have it. I do not believe that there is a city in Massachusetts whose schools are not honey-combed with weak teachers, many of whom are kept in position on account of long service or for some other reason not so good as that even. Until a change can be wrought in this matter there will be many children robbed of their rights, and their futures marred beyond reclaim.

New teachers have come into the high school corps during the year. Two to fill vacancies that the Committee thought best to create for the good of the school, and one as an additional teacher. All have added strength to the school, by reason of their sound scholarship and teaching ability.

The course of study as it stands in the school today is being prepared by the principal to be submitted to the Committee for its consideration with some modifications of the present course. The only form in which the course is now printed is a bare outline, which gives to one but a vague idea of the scope of the work. The revised course will be so elaborated that it can be comprehended by the uninitiated, and will be a desirable source of information for those interested in the work of the school.

But a high school course can be but a tentative one at best in these days. There are movements under way in the educational world that bid fair within a few years to change materially the present relations between the elementary schools and the high school, and between the high school and the college. There are advocates on the one hand for the high school to do the first two years of the present college course that students may remain at

home longer under the care of their parents and at a material saving in expense to them. There are others who advocate a reduction of the present eight and nine year courses in the elementary schools to seven years, and the addition of two years to the high school course from below. The adoption of either of these changes must mean a serious modification in the organization of the high school as it exists today.

Again there is the growing demand that more attention shall be given to the physical training of pupils in the high school; that manual training and instruction in the domestic arts shall form a constituent part of every high school course, and in which even those who are looking toward the liberal professions shall in a measure share.

All these things go to show that the evolution of the American high school is yet far from complete, and should warn those who are considering the erection of new high school buildings that they must try to read the future and build accordingly.

And this brings me to the consideration of our proposed new high school building, plans for which have been drawn by order of the City Council at the urgent request of the School Committee. A cut of this building with floor plans is given in this report with a description of the rooms and the purposes for which they are to be used.

It is not necessary that I should discuss here the need of a more modern high school building and a larger one than we now have. These things have been fully set forth in previous reports, and have been recognized in the action already taken. But the question has been raised by many of our citizens whether the city requires so large and expensive a building as is called for by the plans that have been prepared.

In answer to this question, I will review as briefly as possible the method that has been pursued in the preparation of the plans, and the reasons why a building of the

dimensions set forth is recommended, for it is in the size of the building and the high cost of material and labor, and not in elaborate ornamentation, that the great expense of the structure will lie.

The City Council, and the architect who was chosen to prepare the plans, Mr. Samuel C. Hunt, have from the beginning shown the utmost willingness to co-operate with the school authorities, that a building may be provided which will first of all meet the requirements of the best educational thought of the day: a building in which utility shall be the predominating idea.

Therefore a special Committee was appointed consisting of the Mayor, who is also Chairman of the School Committee; the Chairman of the High School Committee, the Chairman of the Grammar School Committee, the Chairman of the Primary School Committee, the Principal of the High School, the Superintendent of Schools, and two other citizens not connected with any city body, who should act as an advisory committee to co-operate with the architect, the Committee on City Property, and the Inspector of Public Buildings, in the consideration of plans.

A sum of money was appropriated by the Council that this committee might be able to visit and study other high school buildings in this part of the country. Moreover the Superintendent of Schools and the Principal of the High School were asked to furnish the architect with the number, kind, size and purpose of the rooms needed in the new building that its working facilities might be such as the school authorities desire, and that the school after the building is erected might be administered with the greatest economy of time and money.

First the architect, the principal and the superintendent, visited the best types of high schoolhouses in the East and studied plans of some of the best known in the

West. They gave special attention to the interior arrangements and the equipment of the buildings that they saw. Later the general committee made an examination of buildings in various places with special reference to the architecture, the material used in construction, etc.

The architect made the plans of each floor according to the suggestions of the superintendent and principal, and to their entire approval. Many meetings were held by the general committee with the architect, and after full discussion and a few modifications in the original plans submitted, the committee agreed upon the present plan.

I have gone into a somewhat full explanation of the plan pursued in the matter of our new high school building owing to the many criticisms that are rife in relation to it, and also because the method of procedure followed is unique and a trend in the right direction.

The committee in its visitations found much to condemn as well as to copy. Many instances came to its notice where the administration of schools was hampered and made more expensive because the school authorities were not sufficiently consulted in making the plans for the buildings. They found also in many places that sufficient thought had not been given to the future of the schools, either in regard to the growth or the educational changes that are fast pressing to the fore.

Now that it has been made plain how the committee proceeded to get the information by which it arrived at its conclusions in recommending the plans for the new schoolhouse, I wish to submit some reasons why it would be inadvisable to cut out any features of the building in order to reduce the cost, for that is the only means by which any material saving can be made and have a building that would be acceptable in appearance.

The plans provide for a building to accommodate a thousand pupils. Would it be wisdom to provide for any less? There are at present five hundred pupils enrolled

in the high school at its fullest period. The experience of every place that has built new high schools within the past decade, is, that they have built too small, although they allowed for a growth corresponding to that allowed here. The result has been that those places have been forced to plan for other buildings within a few years. That means divided facilities, involving more costly and less effective administration.

The new building provides for a large gymnasium, which shall also be used for a drill hall, attached to which are dressing rooms and shower baths, an assembly hall built on the theatre plan, a complete manual training plant, with rooms for instruction in the domestic arts, for laboratories and lecture rooms for the teaching of science, with a small conservatory to supply material for biological work, for a library and a museum, and for the necessary class and recitation rooms which a school of the size demands.

What of the above should be cut out in building a high school in a large, growing, prosperous New England city? This schoolhouse is not being built for a few years service, but to meet the demands of higher education in it for the next half century, perhaps longer.

The first building that was used for a high school in this city was erected in 1844 and is used now as a grammar school. The present high schoolhouse was built nearly thirty years ago and will be used for as many more years as a grammar school, or longer in all probability.

Shall the gymnasium and drill hall be left out? Most assuredly not. All who are thoroughly acquainted with the needs of the pupils in the schools will subscribe to this answer. Health and a good physique are necessary both to enjoyment of life in its fullest and to the best attainment in the affairs of life. Our schools are sadly deficient in the provisions made for the physical development of their pupils. All the best secondary schools, both public

and private, are provided with ample gymnasiums. Those that are not are known by all who have the best interests of the pupils at heart to be sadly wanting in a great essential.

Shall the assembly hall be omitted? Every high school needs an assembly hall, and no high school of any size has been built for years without one. It is necessary to assemble the school often for general purposes;—for lectures, for participation by the whole school in exercises that are of great importance,—as general religious exercises, the celebration of important days in the history of our country, for graduation, and others. These cannot be held without an assembly hall. To many of these exercises parents and other citizens come in large numbers, and it is necessary to have a hall ample enough to accommodate both the school and those who have a desire and a right to partake in these affairs of the school. In planning a large hall and locating it on the ground floor the committee has had in mind the use of this hall in many ways by the public. It is hoped by free use of the hall to make the school an educational center for the cultivation of knowledge in the community. It has come to be recognized most fortunately that schoolhouses that cost the public large sums of money may be and should be utilized for other purposes than for the five hours of school for five days in the week and for less than forty weeks in the year.

Shall the manual training and domestic arts department be cut out? To answer this in one way I would say that the Statutes of the Commonwealth require cities of 20,000 or more inhabitants to provide such instruction in connection with their high schools. We have delayed compliance with this law for some years, knowing that a new high schoolhouse would be required and then provision could be made for such instruction. But were there no such law we could not afford to build without making

ample provision for such teaching. It would be as absurd for a city like ours to do this as it would be for the great navigation companies to build steamships on the model of Fulton's first boat.

The schools have been criticised for not being practical; for being largely theoretical; and the higher schools especially for offering no opportunities to those who wish to enter the sphere of other activities than those of the professions.

Wherever manual training has been introduced it has attracted to the higher schools many pupils who find in the old style of school nothing that appeals to their tastes or desires. Under no conditions should this department fail to become an integral part of the new school, and none would prove of greater value.

The commercial department is already a part of the present school. It is no innovation. It has proven its worth and has caused many to continue their course in the high school who otherwise would not have done so. The graduates of that department are finding employment by reason of the special instruction given in commercial branches in the school. The discontinuance of this department could scarcely be considered seriously.

As for the other departments provided, the scientific and the liberal arts, theirs have long since passed beyond the pale of discussion. All accept them as necessary, and some unfortunately are inclined to think these are all sufficient.

I recognize the fact that it appears like a great undertaking to build such a high school building as has been planned, and it may seem at first sight an extravagant undertaking for the city, and one that it cannot afford. I believe in economy in the administration of public affairs. But I do not believe that it is true economy to install a plant that will not do the business for which it is needed. It is not the plan pursued in private affairs that are well

managed, and which succeed. Nor do I believe that it is economy or a good business proposition to erect a high school building that will not meet the requirements of modern education, and will not be large enough to meet the future educational needs of our city for a generation or more to come. For these reasons inadequately expressed without doubt, but with entire conviction, I recommend the plan of the building that is herewith submitted.

THE NEW HIGH SCHOOLHOUSE.

The building, the exact plan of which is shown by the accompanying cuts, will be 172 feet wide by 321 feet long, and will contain 51,286 sq. feet of floor space. It will be three stories above the basement. The first story will be of Indiana limestone, and the stories above, a light buff brick with trimmings of the same stone as the first story.

I wish hereby to acknowledge my indebtedness to the New Bedford Morning Mercury for the cuts used here, and many items of detailed description.

SCHEDULE OF ROOMS IN BUILDING.

- 17 regular rooms, seating 50 pupils each.
- 12 recitation rooms, seating 25 pupils each.
- 2 class rooms, seating 75 or 80 pupils each.

COMMERCIAL GROUP.

- 2 bookkeeping and banking rooms.
- 1 typewriting room.

BASEMENT ROOMS.

- 1 forge room.
- 1 engine room, under manual training rooms. (For the remainder of this group see 1st, 2d and 3d floors.)
- Lunch rooms, near gymnasium; boys separated from girls by serving counters.
- Bicycle room, boys' and girls'.
- General sanitaries, boys' and girls'.
- Occupying basement and first floor:
 - Assembly hall, with pitched floor, galleries on three sides, stage arrangement to seat between 300 and 400 pupils facing audience, capacity 1,200 to 1,500, exclusive of stage.
 - Drill hall and gymnasium, small galleries, dressing rooms and baths, near lunch rooms.

FIRST FLOOR.

- Manual training group over forge room.
- 1 iron working room.
- 1 museum room.
- 2 teachers' rooms.
- 1 reception room.

SECOND FLOOR.

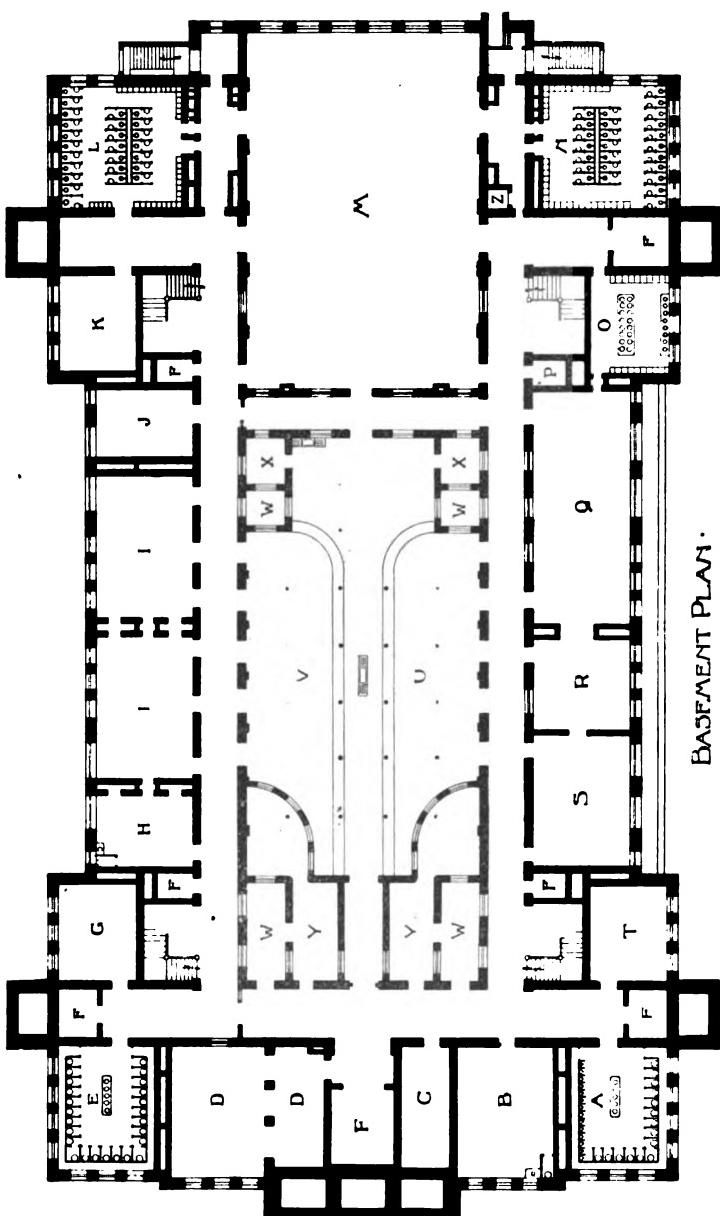
- 1 library in centre of building.
- 1 secretary's room and storeroom for text books and supplies, adjoining library on one side.
- 1 head master's office, adjoining library on other side.
- 1 lecture room, between physical and biological science groups, near centre of building, raised seats, capacity 125 to 150 pupils.
- 1 triple laboratory with folding partitions, 26x150 feet, for physical science group.
- 2 recitation rooms, physical science group.
- 1 instructor's room, physical science group.
- 1 double laboratory with folding partitions, 26x70 feet, for biological science group.
- 1 recitation room, biological science group.
- 1 instructor's work and store room, biological science group.
- 1 conservatory.
- 1 wood-turning and pattern-making room, over manual training group.
- 1 emergency or hospital room.
- 2 teacher's rooms.

THIRD FLOOR.

- 1 double laboratory with folding partitions, 26x70 feet, for chemical science group.
- 1 recitation room for chemical science group.
- 1 instructor's work room for chemical science group.
- 1 dark room for photography.
- Domestic and physiology group:
 - 1 kitchen, over the biological group.
 - 1 instructor's work and store room.
 - 1 sewing room.
 - 1 physiology room.
 - 1 drawing room, northern exposure.
 - 1 model and store room.
- 1 Sloyd and general carpentry room, over manual training group.

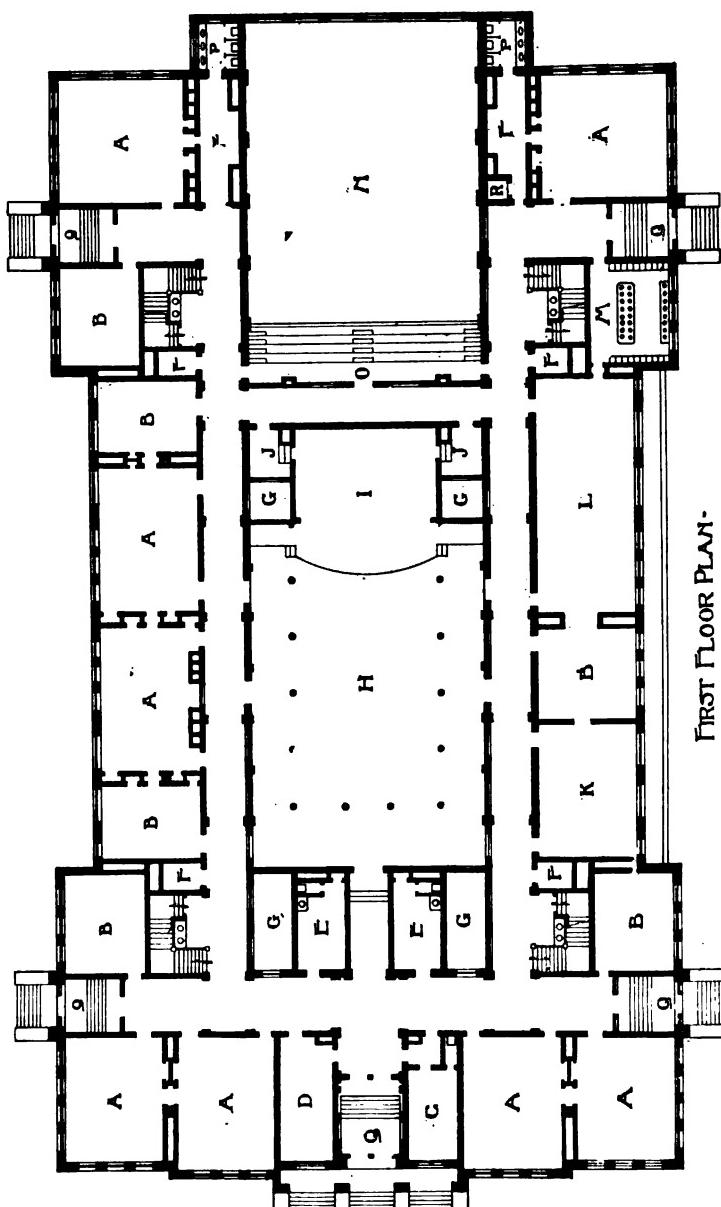
MISCELLANEOUS.

- 1 freight elevator from basement to attic, located near laboratories and manual training groups.
- Dome on roof for telescope.
- One small sanitary for girls and one for boys on each floor for use during school hours.
- Alcoves for clothing on each floor.



BASEMENT.

- | | |
|--------------------------------|-------------------------------|
| A—Boys' toilet room. | N—Boys' locker and bath room. |
| B—Janitor's room. | O—Boys' locker and wash room. |
| C—Boys' bicycle room. | P—Motor and fan room. |
| D—Boys' recreation room. | Q—Manual training room. |
| E—Girls' toilet room. | R—Recitation room. |
| F—Store rooms. | S—Spare room for M. T. |
| G—Girls' examination room. | T—Boys' examination room. |
| H—Janitress' room. | U—Boys' lunch room. |
| I—Girls' recreation room. | V—Girls' lunch room. |
| J—Girls' bicycle room. | W—Light shafts. |
| K—Girls' dressing room. | X—Closets. |
| L—Girls' locker and bath room. | Y—Fan room. |
| M—Gymnasium. | Z—Elevator. |

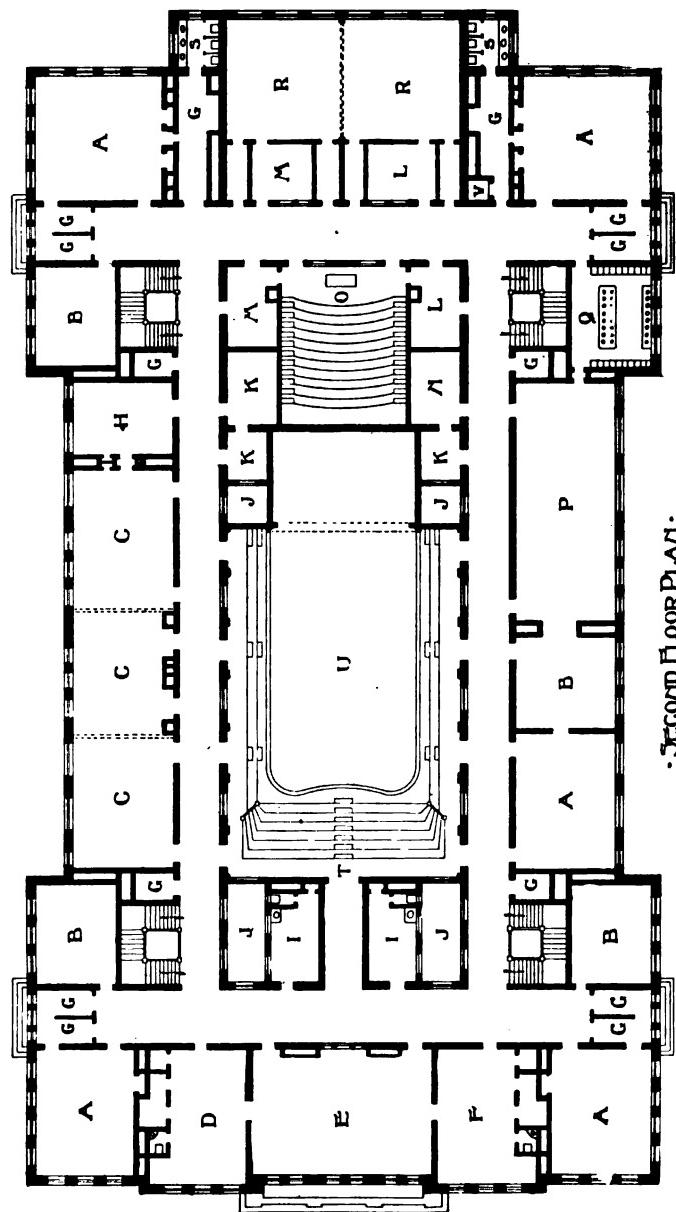


FIRST FLOOR PLAN.

FIRST FLOOR PLAN.

A—Class rooms.
B—Recitation rooms.
C—Reception room.
D—Cloak room.
E—Teachers' rooms.
F—Wardrobes.
G—Light shafts.
H—Assembly hall.
I—Stage.

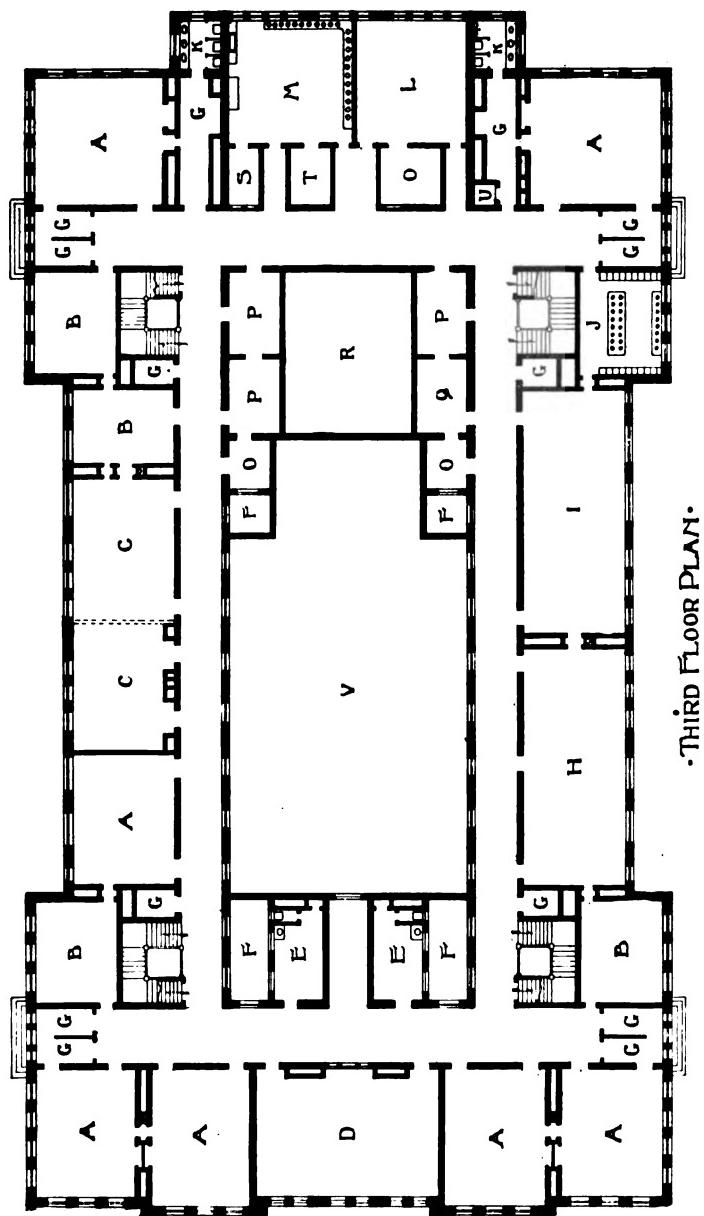
J—Dressing rooms.
K—Museum.
L—Manual training.
M—Locker and wash room.
N—Gymnasium.
O—Gallery.
P—Toilet rooms.
Q—Vestibules.
R—Elevator.



SECOND FLOOR PLAN.

SECOND FLOOR PLAN.

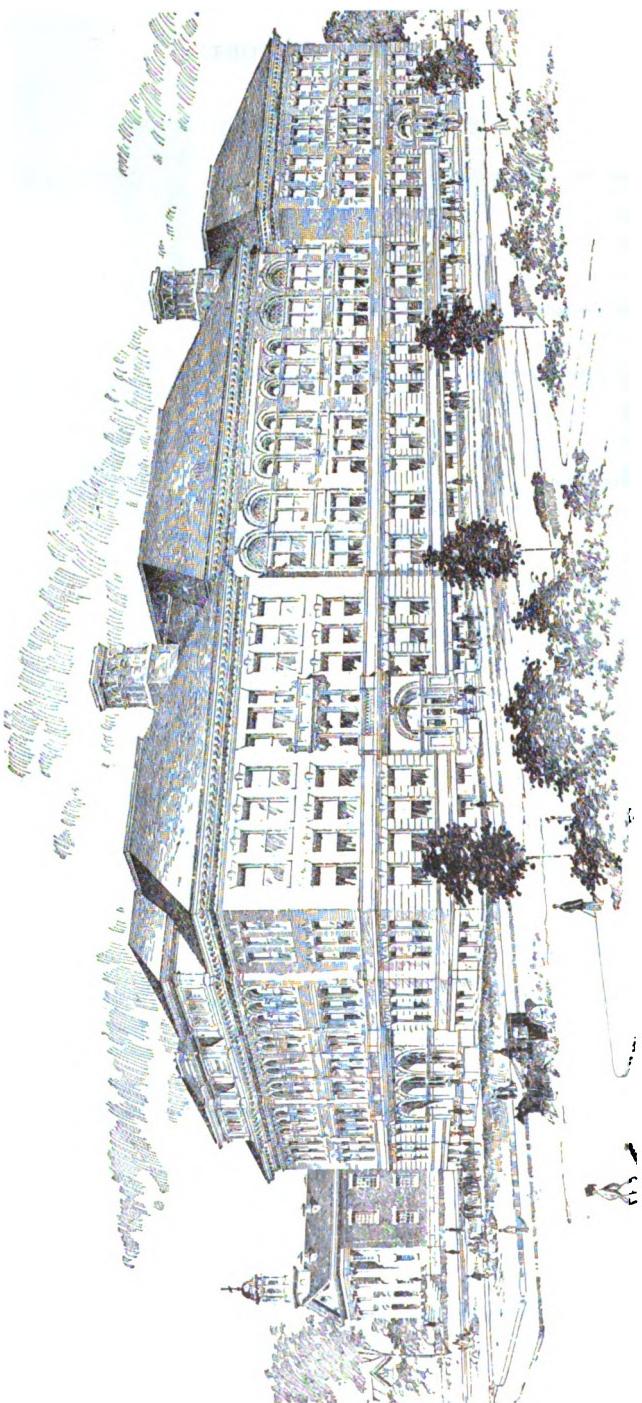
- | | |
|--------------------------|-----------------------------|
| A—Class rooms. | L—Instructors' rooms. |
| B—Recitation rooms. | M—Apparatus rooms. |
| C—Physical laboratories. | N—Emergency room. |
| D—Secretary's room. | O—Lecture room. |
| E—Library. | P—Manual training. |
| F—Head master's room. | Q—Locker and wash room. |
| G—Wardrobes. | R—Biological laboratories. |
| H—Conservatory. | S—Toilet rooms. |
| I—Teachers' rooms | T—Galleries. |
| J—Light shafts. | U—Upper part Assembly hall. |
| K—Store rooms. | V—Elevator. |



•THIRD FLOOR PLAN.

THIRD FLOOR PLAN.

- | | |
|--------------------------|----------------------------|
| A—Class rooms. | K—Toilet rooms. |
| B—Recitation rooms. | L—Sewing room. |
| C—Chemical laboratories. | M—Kitchen. |
| D—Senior class rooms. | O—Store rooms. |
| E—Teachers' rooms. | P—Instructors' rooms. |
| F—Light shafts. | Q—Model room. |
| G—Wardrobes. | S—Upper part lecture room. |
| H—Drawing room. | T—Locker room. |
| I—Manual training. | U—Elevator. |
| J—Locker and wash room. | V—Roof over assembly hall. |



THE HARRINGTON NORMAL AND TRAINING SCHOOL.

Fifteen to twenty years ago there was a strong movement in favor of establishing city training schools for teachers, and many were established. The State Normal schools numbered five, and the standard of admission to them was low. The number of trained and well educated teachers available at that time was entirely inadequate to meet the demands of the cities. They were forced to employ many graduates from the high schools who had no training whatsoever, and whose training as well as experience was gained entirely after employment at the expense of the pupils.

But a change came. The normal schools raised their standard for admission. Their facilities were enlarged,—and their pupils increased in numbers. Four more normal schools were established by the state. College graduates began to accept positions as grade teachers in the elementary schools, and it became less difficult to secure trained teachers for the schools. Cities and towns raised their standards of admission to their teaching corps, and those who intended to make teaching their occupation, found it necessary to possess a fair education and some professional training if they desired positions and were ambitious for advancement. Those, therefore, who sought adequate preparation for teaching increased rapidly.

These changes in the educational conditions caused a reaction toward city training schools. Small cities and some towns that had hitherto felt it necessary to maintain training schools, although it involved an expense they

could ill afford, gave them up. Other and larger cities in which the new normal schools had been established, or were near enough to the normal schools that their high school graduates could attend them without leaving home, no longer considered it necessary to maintain independent training schools for their young men and women who desired to teach.

New Bedford, however, and some other cities still consider it necessary to maintain schools for the special training of their teachers. All of them have raised the standards of their courses of study from what they were in the first period of their existence. The courses have been lengthened, more normal work is demanded, and the number of trained teachers whose work is observed daily by the pupil teachers has been increased.

Our normal and training school has done most excellent service in the past for the schools of the city, and can do much in the future. Its standard has been continually raised to meet the educational progress of the day. Applications for admission to it have continually increased from our own city and from adjoining towns, until the present provision for the classes is not large enough to accommodate all who pass the examinations for admission. As the number of the admission class is limited to fifteen, at the examination held in 1901 one who passed was refused admission at the beginning of the year, but was later provided for by one of the class leaving the school on account of poor health. At the examination held in 1902, two were refused admission.

That the terms for admission may be fully understood, I will give the rules of the School Committee governing admission to the school and the reasons for them.

RULES AND REGULATIONS—CHAP. XIII.

SECTION 2. The pupil teachers shall be admitted to the school by the Committee on the Normal and Training School. No person shall be eligible to admission as a pupil teacher who is not a graduate of a full four years' course in the New Bedford high school, or of a school of equal standing, and who has not passed a satisfactory examination given by the Superintendent in the month of December of each year under the direction of the committee on the school in the following branches:

Language—The English language, its grammar and literature; the power of easy and accurate composition, showing the possession of an available vocabulary and a trained ability to think and reason; the power to read with intelligence and expressive elocution.

Writing—A creditable handwriting.

Mathematics—Arithmetic ; the elements of plane geometry.

Geography and History—Physical and political geography ; general history, or the history of England and of the United States.

Sciences—Physiology, with school hygiene ; the elements of physics ; the elements of any one of these sciences: Botany, zoology, geology.

Music and Drawing—The rudiments of music and drawing.

Civil Government, with special reference to the United States.

This examination may be waived in the case of any candidate holding a diploma from a college or a Massachusetts normal school.

SECTION 3. No entering class shall contain more than fifteen pupil teachers. If the number of candidates who pass any examination shall exceed fifteen, preference of admission shall be given, first, to candidates residing in the city in the order of their standing; second, to non-residents in the order of their standing. The remainder, if any, shall have precedence in forming the next class over those who are successful candidates in a later examination in the order hereinbefore stated. The course of study shall be such as the Board prescribes.

SECTION 4. There shall not be in the school more than thirty pupil teachers, unless, by reason of one or more pupil teachers repeating the year, there may be an excess of this number.

The size of the classes is restricted because facilities for practice in teaching in the school are limited. As it is, with a course two years long, the school is not able to give the pupil teachers all the practice that is desirable.

The building was not erected for a normal and training school, and therefore has neither the arrangement nor space that a schoolhouse built especially for a normal and training school should have. There are so many demands for increased school accommodations in other directions that it would not be wise to ask for an addition to this building at the present time.

In this connection it is well to consider the relation of this school to the school department. Why is it maintained? What obligations has it towards the two classes of pupils who attend it, the grade children, and the pupil teachers? Its *raison d'etre* is primarily to prepare teachers for the schools of the city. It is a professional school whose value to the public rests in its efficiency. This fact seems to be lost sight of by some in their demands for personal consideration, when they fail to meet the conditions demanded by the school.

It is only because the School Committee has established and maintained a high standard for entrance and for graduation, that the school has proved a benefit to the schools of the city. If at any time this ceases to be the case, it would prove a positive detriment to the cause of education in the city. Again, the school has a serious duty in securing the welfare of the grade children, while it gives training to the pupil teachers. If any interests are to suffer at any time, it should be that of the pupil teachers and not the children. No school department has the moral right to train its teachers at the expense of the children, whether in the practice school or in the other schools, nor has it a moral right to retain teachers who are not efficient. The failure to recognize these things in practice, (for it is usually agreed to in theory,) is one of the deficiencies of our public school system.

The school has always been fortunate in the character and ability of its principals and normal instructors. It is now also strong in its regular assistants. It is absolutely

necessary that these latter should be strong as well as the others. The pupil teachers observe and work with them, and cannot fail to be influenced much by their example. They should not only be good teachers, but loyal to the best interests of the school, refined, cultured, and discreet, and the last quality not the least desirable one. The Committee has made the maximum salary of these teachers fifty dollars a year more than the other grade teachers in similar grades, that teachers of excellent quality may be secured for these positions.

Most of the graduates of the school from the first have made good teachers. Some are doing excellent work. A few are not strong, and a small percentage have been failures. Those who today are not doing well cannot charge their want of success to the school. They are not taking as good a position as they might from lack of ambition, or from a weak personality, or insufficient education. This school at best can but point the way for the young teacher, and give her some guiding principles. If any graduate thinks she has attained in the school all that is necessary to success without future study and striving she is doomed to mediocrity at least, and perhaps failure.

I give below a few statistics supplied me by the principal, showing the number of pupil teachers in the school, the number graduated, and the amount of substituting done by them during the year. The school is of great value as a source for securing substitutes.

Pupil-teachers enrolled during the year,	31
Pupil-teachers admitted to junior class, Jan. 1902,	15
Pupil-teachers admitted to junior class, Feb. 1902,	1
Pupil-teachers admitted to junior class, Sept. 1902,	15
Pupil-teachers admitted to senior class, Jan. 1902,	15
Pupil-teachers graduated, Dec. 1902,	13
Pupil-teachers admitted to junior class, Jan. 1903,	15
Pupil-teachers in senior class, Jan. 1903,	15
Days substituting by pupil-teachers,	356

KINDERGARTENS.

That kindergartens fail of appreciation by the public generally in the city is evidenced by the attendance. There are three of these schools located as follows: One in the Cedar Grove Street school, one in the Cedar Street school, and one in the Thomas A. Greene school. The attendance by month for the fall term just closed is as follows for the three schools:

Average No. Belonging.		Average Daily Attendance.	
January,	97	January,	72
February,	101	February,	73
March,	102	March,	85
April,	102	April,	90
May,	119	May,	99
June,	112	June,	88
September,	93	September,	81
October,	116	October,	93
November,	121	November,	95
December,	105	December,	73
Total,	1068	Total,	849
Total average,	107	Total average,	85

There was, as shown above, a total average number belonging of 107 pupils and a total average daily attendance of 85 for the three schools. As there are two teachers in each school, the average number of pupils taught each day by a teacher was fourteen. These schools are in session in the morning only. The salaries of the teachers for the year amounted to \$3,350, or an average of nearly \$40 per pupil. For salaries alone, and for half day sessions, it must be apparent, that the cost of maintenance as compared with the other departments is excessive. A primary teacher of the next year is required

to teach 49 pupils if necessary, and the average number to a primary teacher is something over 40, and there are two sessions.

I do not wish to be classed as an opponent of kindergartens. I believe in the underlying principles of the kindergarten most thoroughly. I believe that it would be an excellent thing if most of the children of our schools could have the advantages of the kindergarten. But when under the most favorable conditions they are not half attended, when also primary pupils are crowded out of the buildings to make room for the kindergarten, and when the increasing cost of the schools is causing dissatisfaction that may at any time affect a more important department, it becomes the duty of the Superintendent to lay the facts as they are before the Committee and the public.

I am sure that the teachers are in no wise at fault because there is not better patronage of these schools. Their spirit toward their work is excellent; their zeal unflagging, and their teaching ability generally good. I wish to add that it may seem that the facts set forth are inspired by a purely commercial spirit. Not so. But school authorities must consider the cost as related to educational values, and if everything desirable cannot be had, they must eliminate those that they believe can be best dispensed with.

EVENING SCHOOLS.

Among the tables will be found the attendance and other data relating to the evening schools. The report of attendance covers the period between October, 1901, and March, 1902. It is made out by terms. The data of this and previous years covers the period of each calendar year. Hereafter, they will correspond to the regular school year, and harmonize with the change made in the state register requirements.

A high school, five elementary schools, a drawing school, and a class in Portuguese have been maintained. They require 88 teachers. They are located in the very best of our school buildings, namely, the High School, the Phillips Avenue, the J. H. Clifford, the Parker street, the Fifth Street, and the R. C. Ingraham schoolhouses. The drawing school holds its sessions in the Textile School building. Experienced and trained teachers are employed. Unfortunately, it is necessary to draw upon the day school corps for most of them. I say unfortunately, because I believe that it is too much a tax upon the great majority of the day teachers, especially upon the women teachers, to teach in both. But these schools cannot be maintained otherwise.

The efficiency of these schools is much impaired by the irregular attendance. With an enrollment of 2,237 in the elementary schools, there is a nightly attendance of 1,147 only. Owing to constant changes that occur in the mill population, which is the chief source of supply for the elementary schools, I do not think that more than two-thirds even of the average attendance are in the schools during the whole period of their sessions. The high and drawing schools suffer from the same cause.

There are many, however, who appreciate these schools and are materially benefited by them. If the population of the city was stable for five years, illiteracy among minors would be reduced to an unappreciable quantity. But that class of persons is being constantly reinforced by newcomers from either foreign countries, where illiteracy prevails, or from states where school laws are not as strict as in Massachusetts.

If the Committee desires to extend the sphere of usefulness of the evening schools, it can do so in no better way than by opening schools for instruction in manual training and the domestic arts.

SCHOOLHOUSE DECORATION.

Considerable has been done towards adorning the schoolhouses under the direction of the Art Committee of the School Board. Several years ago a committee of teachers in conjunction with the Art Committee selected a list of pictures and casts which were considered suitable for school decoration. This list, to which from time to time others are added by the Art Committee, is followed in selecting works of art for the schools.

It was decided to begin with the assembly halls of the high and grammar schools, and purchase pictures and statuary for these as funds became available before attempting anything definite in the class rooms. Money has been appropriated from time to time for this purpose from the income of the Sylvia Ann Howland Educational fund, and other funds have been raised by the teachers in various ways, either for the general fund or for their individual schools.

By the end of the coming year, the assembly halls that permit the hanging of pictures or the placing of casts in them, (unfortunately one or two do not lend themselves to this purpose,) will be well supplied with both. Members of the Committee on Expenditures have generally co-operated cordially with the Committee on Art, and in tinting the walls and ceilings, have carried out the wishes of the latter Committee with the result of great improvement, both in the color harmony of the rooms and halls and in their hygenic attributes.

MEDICAL INSPECTION AND DEFECTIVE PUPILS.

It is now about three years since medical inspectors were appointed for the schools. There were but two inspectors until very recently, when two more were appointed by the Board of Health, and the two former districts divided into four.

I am convinced that the form of medical inspection established in our schools is of good effect in restricting the spread of contagious diseases, and helpful in directing attention to functional diseases of pupils. If all parents would act promptly in suggestions made by the inspectors to them in regard to matters pertaining to the health of their children, especially in regard to their functional diseases, the good results would be greatly increased. There are many pupils in the schools who are suffering from defective eyesight, from defective hearing, from nervous affections or some other form of bodily ailment that only a careful study can determine, who, in many instances, especially those that are not apparent to the casual observer, are not yet reached by the present method of medical inspection. If these could be treated in the incipient stages of their diseases, future impairment of the health might not result.

It may be said, that it is the province of the parents to do this. It is true that the chief responsibility of caring for the health of their children rests with the parents. But unfortunately, in a city like ours, there are many parents who either through ignorance fail to realize the needs of their children, or, recognizing these needs, by reason of poverty do not provide for them.

The function of public education is to secure to the State an intelligent and useful body of citizens. The usefulness of a citizen is dependent in large measure on his health. With loss of general health or by impairment of some organ of the senses, he may become a charge upon the State instead of a support. Is it not therefore, the duty of the State to insist that the bodies of the pupils shall be properly cared for as well as their minds and morals?

There is another class of pupils, which unfortunately seems to be on the increase, who are especially deserving of consideration. It is composed of those who are mentally defective. I do not refer to those who are simply dull, or who from lack of opportunity are far below grade, but to those who are so wanting in mental power that they are unable to acquire the rudiments of knowledge under the form of instruction that the organization of the schools provide. These have no place among normal pupils. Keeping them in the ordinary school is a detriment both to themselves and to the other pupils. Distinct schools should be provided for them, and teachers placed in charge specially trained for teaching the work, and imbued with a love for it. Some of these unfortunates are a disturbing element in the schools, although many of them are not, but they are all a detriment. The nervous wear that one of them causes a teacher is sometimes greater than that of all the rest of the school. While, as I have said, the present medical inspection is productive of good, it yet fails in that thoroughness which is so essential to the welfare of the pupils; nor can it be the guide to the teachers that it might be in the requirements they exact of their pupils.

To be effective, the inspection should be systematized. It should provide for a thorough examination of every pupil in the schools, and the results of each individual examination recorded in books specially prepared for that

purpose. A case of functional disorder of a pupil should be reported to his parent, and treatment urged where it is not already being given. If any parent is too poor to provide proper medical treatment, it should be done at public expense.

The first examination would require considerable time from the inspectors. But after the first examination was given and a record made, it would not take much time to examine each new comer from outside the city. Pupils who move from one school district to another in the city should take a card with them which should show the results of these examinations, and a record be made in his new school.

With such an examination and record, the school authorities would be able to classify pupils with some consideration of their physical conditions, excusing some from taking full courses, and in others requiring only partial attendance at school. Exact, intelligent information could be brought to the school authorities also in relation to the mentally defective, which would probably result in the School Board providing a special school for them, and the parents consenting to their children attending it.

A new Statute in regard to measles has tended to increase the absences of children because of exposure to contagious disease, and has proved a source of much annoyance to parents, school authorities and Board of Health. It seems more exacting than is necessary, many children being excluded on account of it where attendance would not endanger any one. It subjects parents it seems to me to unnecessary trouble, and often an unwarrantable expense. The law is as follows:

"A child who has not been vaccinated shall not be admitted to a public school except upon presentation of a certificate signed by a regular practising physician that he is not a fit subject for vaccination. A child who is a member in a household in which a person is

ill with smallpox, diphtheria, scarlet fever or measles, or of a household exposed to such contagion from another household as aforesaid, shall not attend any public school during such illness or until the teacher of the school has been furnished with a certificate from the board of health of the city or town, or from the attending physician of such person, stating that, in a case of smallpox, diphtheria or scarlet fever at least two weeks, and in a case of measles, at least three days, have elapsed since the recovery, removal or death of such person, and that danger of conveying such disease by such child has passed."

The inspectors reported the number of cases of pupils examined by them from January 1st, 1902 to January 1st, 1903, to be 3,874. The number of cases of various diseases noted were 946. The number of cases recommended to be sent home and excluded from school until recovery was 59. The parents of those not excluded were notified that treatment was needed, and in most cases prompt attention was given to them. With more thorough inspection as recommended above, very many more cases would be found especially in defective vision, in defective hearing, and in mental deficiency.

In this connection it is interesting to note the number of cases of the virulent contagious diseases reported to my office by the Board of Health during the same period: Scarlet Fever, 133; Diphtheria, 83; Measles, 26; Smallpox, 18; Scarlatina, 4; Membranous Croup, 9; Leprosy, 1. When cases of contagious diseases are reported to the office, notice is sent to all the schools where pupils would attend from the affected household, and all these are excluded as specified in the law quoted above. Unfortunately, some cases of scarlet fever and many cases of measles are not reported to the Board of Health, no physician being employed by the parents of the sick children. This without doubt increases the spread of contagious diseases.

TEACHERS.

One of the most important acts of the Committee in the year was the change in the schedule of salaries. From the first of January, 1903, increases in the maximum salaries of the following positions are to go into operation:

Principal of High School,	\$2,750 to \$3,000
Sub-master of High School,	1,700 to 1,900
Commercial teacher of High School,	1,400 to 1,500
Women assistants of High School,	900 to 1,000
Science teacher of High School,	1,700 to 1,800
Military instructor of High School,	300 to 350

NORMAL AND TRAINING SCHOOL.

Principal,	\$1,700 to \$1,900
Vice-principal,	1,100 to 1,200
Grade teachers,	600 and 650 to 675

GRAMMAR SCHOOLS.

Grade teachers, 5th, 6th and 7th grades,	\$600 to \$625
Grade teachers, 8th grade,	600 to 675
Grade teachers, 9th grade,	675 to 750

PRIMARY SCHOOLS.

Principals in charge 4 or 5 rooms inclusive,	\$600 and \$625 to \$700
Principals in charge 6 or 7 rooms inclusive,	650 and 675 to 750
Principals in charge 8 to 11 rooms inclusive,	700 and 775 to 800
Principals in charge 12 to 14 rooms inclusive,	800 to 900
Principals in charge 15 rooms or more,	875 to 950
Grade teachers,	550 to 625

UNGRADED SCHOOLS.

Acushnet principal,	\$900
Acushnet grades 1st to 7th inclusive,	\$550 and \$600 to 625
Acushnet grade 8th,	600 to 675
Rockdale principal and grammar grades, primary grades,	600 to 700 550 to 625
North School principal and grammar grades, primary grades,	600 to 700 550 to 625
Teacher of French and grammar grades,	600 to 800
Supervisor of sewing,	600 to 650

The advance in the salaries of the high school teachers was made for the purpose of securing and retaining the best of teaching ability in that school. The salaries hitherto paid, did not seem to meet that end. I feel, however, that the interests of the high school would be best subserved without any fixed schedule. The work there is departmental. Good teachers for one department are to be secured easier than for another. It is often desirable to pay several hundred dollars more than the schedule salary for some especially good teacher, while some other positions could be filled at a lower salary than the schedule calls for. There are factors that operate in high class positions that do not in lower.

In the grammar schools, the increase in the ninth grade salary is for the purpose of securing in the future teachers of broader education and ability than the old salary would command. It would be well if college graduates with training and successful experience were employed in these grades. The eighth grade salary has been made larger than that of the lower grammar grades for the same reason that the ninth grade was advanced. It is to be the future policy of the Board to appoint to the eighth grade teachers only of successful experience in the lower grades and whose scholarship is good.

All grades below the eighth have been advanced, the lower grammar grades \$25 a year, and the primary grades

\$75 a year. The primary teachers in the past have been paid especially low salaries in this city in comparison with the other salaries, and considering the value of their work. Many cities have for years paid all teachers below the highest grade grammar the same salary. I have long been an advocate of an increase in salaries, especially in those of the primary teachers.

In a city like ours, the primary teachers have a peculiarly onerous and responsible position. While there may not be as high intellectual attainment needed by them as by those in the higher positions, they need other qualifications of equal value to be successful.

In the special departments the new schedule calls for few changes. The value of the service performed came up for general consideration in determining them. There is probably less agreement among school administrators in relation to the amount of salary that should be paid the different supervisors and teachers of special subjects than in any matter pertaining to salary schedules.

With the increase in salaries, the grade teachers will receive scarcely more than enough to live respectably, and by the practice of strict economy save a small amount each year. Every teacher ought to have a good home, and good food; should be able to dress neatly and have something to spend for books and for recreation. She should also be able to save something in case of illness and for the future. Surely the grade teacher cannot, even with the present schedule of salaries, have these things and save very much. I believe that this will be recognized by every considerate citizen.

If, however, teachers are recognized by the public as deserving a salary somewhat in advance of the average wage-earner, this recognition places upon them obligations which they should appreciate and repay in character of service.

I have often in my reports referred to the worth, ability and skill of the majority of teachers in the city. At the present time, by far the greater number are graduates of a state normal school, or of our city normal and training school, or of a college. Many of the others by long experience and study have become strong teachers. On the other hand, there are some who are not progressive. They either do not think it necessary to study and to strive to keep apace with the educational advance; or, if they do, they fail to apply their knowledge successfully.

This class is not restricted to the older teachers or to those who have not had the benefit of normal or college training. Such teachers are not patrons of the pedagogical library provided by the Board. I know teachers who have taught here for years, who did not know until recently that there was such a library, although a catalogue of it had been published in the annual reports many times. These teachers are not readers of professional papers and periodicals; nor are they zealous in seeking the best methods of teaching. All teachers to do the best work, must be students as well as good observers. Teachers of meagre knowledge do not appreciate the fact that they lose every day golden opportunities to broaden the scope of their instruction. Their lessons are dry and uninteresting, and deal only with the bare facts given by the text books. Their ignorance often goes farther, and leads to false teaching of the facts themselves. They are blind guides leading the blind. They plod along familiar ways fairly well, but when once they leave the beaten path they stumble and fall.

Teachers who are high minded, diligent, progressive, full of knowledge, firm and just in their control, sympathetic and refined, exert always an immeasurable influence over their pupils, and the results extend through their lives. If the increase in salaries of the teachers here

will have the effect of increasing the number of teachers of this class, it will be a wise expenditure. If it does not have such an effect, it will fail of essential benefit to the schools. It is within the power of the Board to make the higher schedule of salaries strengthen the teaching force along those lines where it is most needed.

OTHER RECOMMENDATIONS.

I have referred in this report in another connection to the general trend throughout the country toward readjustment in the organization of schools. With this idea I am in sympathy, but I think the problem must be worked out in each city with due regard to its own conditions. The organizations of our schools differ from most. The elementary schools, not including the kindergarten, embrace nine years. The first four are classified as primary, and the next five as grammar, and our grammar grades are housed in different buildings from the primary. In many places all grades are to be found in the grammar school buildings.

I believe that with us the grammar grade course can be made much stronger and the pupils benefited materially by a radical change in the ninth grade studies, and by offering an option of a modern language in the eighth. Latin and French have been offered as options in the ninth grade for two years. But the work in that grade can be made to articulate better with the high school than it now does, and the pupils who do not intend to enter the high school be as well off as they now are, or better.

I would therefore recommend, that, beginning with next September, French be offered as an option in the

eighth grade; that French and Latin be offered as options in the ninth grade; that all who intend to take French in the ninth grade shall begin it in the eighth grade; that all who intend to take Latin in the high school, begin it in the ninth grade; that hereafter there shall be no beginners class in Latin in the high school.

I would also recommend that algebra and constructive geometry form parts of the course of the ninth grade in place of arithmetic for the whole year; that the English in the ninth grade be brought into better co-ordination with the English of the high school than it is at present; that the course in elementary physics in the ninth grade be dropped entirely, and some other form of elementary science work be substituted.

I do not care to elaborate a plan here, or to give my reasons why these changes are recommended, preferring to present those to the Board directly.

I have urged upon the Board for some years, the abolition of the three small country schools, and the conveyance of the pupils from them to graded schools. Each year convinces me that this should be the policy of the Board. It is harder each year for these schools to give the pupils in them advantages at all equal to those enjoyed by the graded schools. That they may have any of the time of the supervisors of music and drawing, necessitates visits by those teachers, requiring much more of their time than the number of pupils warrants. Most of the pupils are deprived of the instruction in manual training and the manual arts. Classes are many, and so small that the teachers cannot do them justice, and the pupils suffer from the want of the proper stimuli that larger classes and many minds produce. They are a bad type of school, and I am sure were the proper provision made for consolidating them with larger schools, after a fair trial neither pupils or parents would desire to return to present conditions.

CONCLUSION.

I always feel that I cannot conclude a report without thanking the Committee for its consideration and forbearance, the teachers for their earnest efforts to give the children their very best, and the public for the generous provisions made by it for the welfare of both pupils and teachers.

Its repetition may seem perfunctory. It is not. It is sincere on my part and deserved by them.

Respectfully submitted,

WM. E. HATCH,

Supt. of Schools.

PEDAGOGICAL LIBRARY.

This library is provided by the School Board for the use of teachers. It is located at the office of the Superintendent of Schools and is accessible when the office is open.

1. The History of Pedagogy.	Compayre.
2. The Elements of Pedagogy.	White.
3. Systems of Education.	Gill.
4. John Amos Comenius.	Laurie.
5. Essays on Educational Reformers.	Quick.
6. Particular Systems of Education, Phil. of Edu., Part III.	Rosenkranz.
7. Higher Schools and Universities in Germany.	Arnold.
8. Some Thoughts Concerning Education.	Locke.
9. Emile (or Concerning Education).	Rousseau.
10. Leonard and Gertrude.	Pestalozzi.
11. Levana, or The Doctrine of Education.	Richter.
12. The Education of Man.	Froebel.
13. Education.	Spencer.
14. Lectures and Annual Reports, Vol. I.	Mann.
15. " " " II.	"
16. " " " III.	"
17. Lecture on the Science and Art of Education.	Payne.
18. The Philosophy of Education.	Tate.
19. The Elements of Pedagogy.	White.
20. On Teaching: Its Ends and Means.	Calderwood.
21. The Principles and Practice of Common School Education.	Currie.
22. Lectures on Teaching.	Fitch.
23. " " "	"
24. Methods of Historical Study.	Freeman.
25. Methods of Teaching History.	Hall.
26. How Shall My Child Be Taught?	L. P. Hopkins.
27. Theory and Practice of Teaching.	Page.

28.	Talks on Teaching.	Parker.
29.	Art of School Management.	Baldwin.
30.	" "	"
31.	School Management.	Landon.
32.	On Teaching Geography.	Geikie.
33.	Education and Educators.	Kay.
34.	Scholemaster.	Ascham.
35.	Outline Study of Man.	Hopkins.
36.	School Economy.	Wickersham.
37.	School Room Guide.	DeGraff.
38.	Manual of Method and Organization.	Robinson.
39.	Lectures on Geography.	Strachey.
40.	The Action of Examinations.	Latham.
41.	Object Lessons.	Walker.
42.	The True Order of Studies.	Hill.
43.	Theory and Practice of Teaching.	Thring.
44.	School Journal, Vol. I.	Mann.
45.	" " " II.	"
46.	" " " III.	"
47.	" " " IV.	"
48.	" " " V.	"
49.	" " " VI.	"
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53.	" " " X.	"
54.	" " " XI.	"
55.	" " " XII.	"
56.	" " " XIII.	"
57.	" " " XIV.	"
58.	Methods and Aids in Geography.	King.
59.	" " "	"
60.	Contributions to the Science of Education.	Payne.
61.	Power and authority of School Officers and Teachers.	
62.	" " " "	"
63.	Compayre's Lectures on Pedagogy.	Payne.
64.	Rosmini's Method in Education.	Grey.
65.	Bibliography of Education.	Hall.
66.	Lectures to Kindergartners.	Peabody.
67.	Early Training of Children.	Malleson.
68.	Habit in Education.	Hall.
69.	Modern Petrography.	Williams.
70.	The Study of Rhetoric.	Genung.

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| 71. English in the Preparatory Schools. | Hoffcut. |
| 72. English in the Schools. | Woodward. |
| 73. How to Teach Reading. | Hall. |
| 74. The Study of Latin. | Morris. |
| 75. Mathematical Teaching. | Safford. |
| 76. How to Study Geography. | Parker. |
| 77. Studies in Pedagogy. | Morgan. |
| 78. Educational Mosaics. | " |
| 79. Elements of Psychology. | Hewett. |
| 80. Topics in Geography. | Nicols. |
| 81. Compayre's Lectures on Pedagogy. | Payne. |
| 82. Notes of Lessons for Young Teachers. | Taylor. |
| 83. Geography Teaching and Sand Modeling. | Frye. |
| 84. " " " " | " |
| 85. How to Teach Language. | Metcalf. |
| 86. How to Teach Geography. | Carver. |
| 87. Arithmetic in Primary Schools. | Dunton. |
| 88. Cyclopædia of Education. | Kiddles & Schem. |
| 89. Orbis Pictus. | Comenius. |
| 90. Free Schools of the United States. | F. Adams. |
| 91. Prosperity or Pauperism? | Earl of Meath. |
| 92. Outlines of Psychology. | Sully. |
| 93. Primary Education. | Jacobi. |
| 94. Order of Exercises in Elocution. | Parker. |
| 95. Life and Education of Laura D. Bridgman. | Lamson. |
| 96. School Inspection. | Fearon. |
| 97. True Order of Studies. | Hill. |
| 98. Kindergarten Culture. | Hailman. |
| 99. Education and School. | Thring. |
| 100. Reminiscences of Froebel, by Von Bölon. | Translated by
Mrs. Horace Mann |
| 101. Education in Its Relation to Manual Industry. | McArthur. |
| 102. Schools and Studies. | Hinsdale. |
| 103. The Quincy Methods. | Partridge. |
| 104. The Teacher. | Blakiston. |
| 105. Reports on Elementary Schools. | Matthew Arnold. |
| 106. Addresses on Educational Subjects. | Laurie. |
| 107. Scientific Industries Explained. | Watt. |
| 108. The Teacher. | Abbott. |
| 109. Development of the Intellect. | Preyer. |
| 110. Memory—What It Is and How to Improve It. | Kay |

111.	Methods of Teaching Geography.	Crocker.
112.	Teacher's Manual of Object Lessons.	Park.
113.	Three Lectures on Education.	Dr. Oppler.
114.	Chips from a Teacher's Workshop.	Klemm.
115.	First Three Years of Childhood.	Perez.
116.	Physical Education.	MacLaren.
117.	School Management.	Kellogg.
118.	Day Dreams of a Schoolmaster.	Thompson.
119.	Autobiography of Froebel.	
120.	Educational Theories.	Browning.
121.	A Tractate on Education.	Milton.
122.	Securing and Retaining Attention.	Hughes.
123.	Three Essays—Study of English Literature.	Blaisdell.
124.	Old Greek Education.	Mahaffy.
125.	Locke's Conduct of the Understanding.	Fowler.
126.	Gill's School Management.	John Gill.
127.	Cultivation of the Memory.	
128.	Cultivation of the Senses.	
129.	On Discipline.	
130.	On the Use of Words.	
131.	On Class Teaching.	
132.	Handbook of Punctuation.	Bigelow.
133.	Book of Object Lessons.	Lake.
134.	Sweedish System of Educational Gymnastics.	Baron Nils Posse.
135.	Compayre's History of Pedagogy.	Payne.
136.	Pedagogy.	Hewitt.
137.	Courses and Methods.	Prince.
138.	Pestalozzi: His Life and Work.	De Guimps.
139.	Elementary Psychology.	Baker.
140.	Linders' Empirical Psychology.	De Garmo.
141.	The Manual Training School.	Woodward.
142.	Introduction to Shakespeare.	Corson.
143.	Teacher's Manual of Geography.	Redway.
144.	" " "	"
145.	Insecta.	Hyatt.
146.	School Hygiene.	Newsholme
147.	Astronomical Geography.	Jackson.
148.	Nineteenth Century Authors.	Hodgkins.
149.	The Reproduction of Geographical Forms.	Redway
150.	Natural History Object Lessons.	Ricks
151.	Essentials of Method.	De Garmo.
152.	Industrial Education.	Seidel.

153. A Conference on Manual Training.
 154. A History of Education. Painter.
 155. The Rise and Early Constitution of Universities.
 S. S. Laurie, LL. D.
 156. The Ventilation and Warming of School Buildings.
 G. B. Morrison.
 157. The Senses and the Will. W. Preyer.
 158. Education in the United States. Richard G. Boone.
 159. European Schools. L. R. Klemm, Ph. D.
 160. Practical Hints for the Teachers of Public Schools.
 George Howland.
 161. School Supervision. J. L. Pickard, LL. D.
 162. Higher Education of Women in Europe. Helene Lange.
 163. A Text-Book in Psychology. Johann Friedrich Herbert.
 164. The Mother Play and Nursery Songs. Froebel.
 165. The Paradise of Childhood. Edw. Niebe.
 166. Methods in the Schools of Germany. John T. Prince.
 167. Old Greek Life. J. P. Mahaffy.
 168. Homer. W. E. Gladstone.
 169. Logic. W. S. Jevons.
 170. Classical Geography. H. F. Tozer.
 171. Philology. John Peile.
 172. History of Greece. C. A. Fyffe.
 173. History of Europe. E. A. Freeman.
 174. History of Egypt. F. C. H. Wendell,
 175. History of Rome. M. Creighton.
 176. Astronomy. J. N. Lockyer.
 177. Botany. J. D. Hooker.
 178. Chemistry. H. E. Roscoe.
 179. Geology. A. Geikie.
 180. Physiology—Hygiene. M. Foster and R. S. Tracy.
 181. Natural Resources of the United States.
 J. Harris Patton.
 182. Geography. George Grove.
 183. Physical Geography. Prof. Geikie.
 184. English Literature. Rev. Stopford Brooke.
 185. English Composition. John Nichol.
 186. Political Economy. W. S. Jevons.
 187. Mediæval Civilization. G. B. Adams.
 188. Roman Antiquities. A. S. Wilkins.
 189. The Development of the Roman Constitution.
 Ambrose Tighe.
 190. Greek Literature. R. C. Jebb.
 191. Exercises in Wood-Working. Sickels.

192. First Lessons in Wood-Working. Alfred G.Compton
 193. History and Science of Education. Shoup.
 194. Graded Didactics, Vol. I. "
 195. " " " II. "
 196. Chapters on Plant Life. Herrick.
 197. The Three Pronunciations of Latin. Fisher.
 198. Comparative Geography. Ritter.
 199. Points of History. Lord.
 200. Animal Life in the sea and on the Land. Sarah Cooper.
 201. Geographical Studies. Ritter.
 202. Eclectic Physical Geography. Russell Hinman.
 203. Development Lessons. De Graff.
 204. Arbor Day Manual. Skinner.
 205. Sewing, Illustrated. Louise J. Kirkwood.
 206. Longman's Object Lessons. David Salmon.
 207. French Schools Through American Eyes. James Russell Parsons, Jr.
 208. Children's Rights. Kate Douglas Wiggin.
 209. The Theory of Educational Sloyd. Solomon.
 210. Kindergarten Stories and Morning Talks. Wiltse.
 211. Entomology for Beginners. Packard.
 212. Nature Study. Jackman.
 213. How to Know the Wild Flowers. Dana.
 214. Flowers and Their Pedigrees. Grant Allen.
 215. Native Trees. L. W. Russell.
 216. A Year Among the Trees. Wilson Flagg.
 217. Trees in the Northern U. S. Apgar.
 218. From Seed to Leaf. Newell.
 219. "Manu et Mente" Working Drawings in Sloyd. Gustaf Larsson.
 220. Report of the Commission on Manual Training and Industrial Education. De Garmo.
 221. Lange's Apperception. Wm. Geo. Spencer
 222. Inventional Geometry. " " "
 223. " " "
 224. Trees of N. E. America. Chas. S. Newhall.
 225. Shrubs of N. E. America. "
 226. Human Body. Martin.
 227. Commissioners' Report on Manual Training.
 228. Report of the Committee of Ten.
 229. Talks on Pedagogics. Parker.
 230. " " "
 231. " " "

232.	Outlines of Pedagogics.	Rein.
233.	Mistakes in Teaching.	Hughes.
234.	How to Know the Wild Flowers.	Mrs. Wm. Starr Dana.
235.	Eclectic Physical Geography.	Hinman.
236.	Elementary Meteorology.	Davis.
237.	The Realm of Nature.	Mill.
238.	Sea and Land.	Shaler.
239.	Methods of Mind Training.	Aiken.
240.	First Book in Geology.	Shaler.
241.	The Psychology of Number.	McLellan and Dewey.
242.	Physiography.	T. H. Huxley.
243.	Evolution of the Massachusetts Public School System.	Geo. H. Martin.
244.	Education from a National Standpoint.	Fouillée.
245.	Pedagogics of the Kindergarten.	Froebel.
246.	Symbolic Education.	Susan E. Blow.
247.	Moral Instruction of Children.	Adler.
248.	How to Study and Teach History.	Hinsdale.
249.	Principles of Education Practically Applied.	Greenwood.
250.	Systematic Science Teaching.	Howe.
251.	Studies of Childhood.	Sully.
252.	Geography, Physical, Historical and Descriptive.	Keith Johnston.
253.	Elements of Geology.	Le Conte.
254.	Talks on Pedagogics.	Parker.
255.	Grasses and Forage Plants.	Flint.
256.	How to Study Geography.	Parker.
257.	In the Child's World.	Poulsson.
258.	Elementary Physical Geography.	R. S. Tarr.
259.	The New Psychology.	E. W. Scripture.
260.	Psychology.	William James.
261.	Handbook of Psychology, "Feeling and Will."	Jas. M. Baldwin.
262.	" " "Senses and Intellect."	Jas. M. Baldwin.
263.	Cuoré, an Italian Schoolboy's Journal	De Amicis.
264.	Physical Culture.	Louise Preece.
265.	Art for the Eye.	Ross Turner.
266.	Architectural Styles.	Rosengarten.
267.	How to Enjoy Pictures.	M. S. Emery.
268.	The World's Painters.	Deristhe L. Hoyt.
269.	Elementary History of Art.	N. D'Anvers.

270.	Art and the Formation of Taste.	Lucy Crane.
271.	How to Judge of a Picture.	Van Dyke.
272.	The Claims of Decorative Art.	Walter Crane.
273.	History of Art.	Goodyear.
274.	A History of Painting.	Van Dyke.
275.	A History of Sculpture.	Marquand and Frothingham.
276.	How to Teach Reading in the Public Schools.	S. H. Clark.
277.	Interior Decoration of Schoolhouses.	W. G. Page.
278.	The Educational Idea.	Munroe.
279.	The Connection Between Thought and Memory.	Lukens.
280.	Psychologic Foundations of Education.	Harris.
281.	Physical Nature of the Child.	Rowe.
282.	Method in History.	Mace.
283.	" "	"
284.	The School and Society.	John Dewey.
285.	The Art of Teaching.	D. Salmon.
286.	Exercises in Geography.	C. H. Leete.
287.	Readings in Folk-Lore.	Hubert M. Skinner
288.	American Public Schools.	Swett.
289.	History of Education.	Seeley.
290.	Raphael.	Estelle M. Hurll.
291.	Michaelangelo.	" "
292.	Rembrandt.	" "
293.	Millet.	" "
294.	Bent Iron Work.	Erskine.
295.	Egypt: The Hand of the Temple Builders.	Walter S. Perry.
296.	Composition.	Arthur W. Dow.
297.	The Development of the Child.	Oppenheim.
298.	Jungle Book, 1st Book.	Kipling.
299.	" " 2nd "	"
300.	" " 1st "	"
301.	" " 2nd "	"
302.	Tennyson's Poems.	.
303.	Stories and Poems for Children.	Thaxter.
304.	German Household Tales.	Grimm.
305.	Adventures of a Brownie.	Miss Mulock.
306.	" " "	" "
307.	Friends and Helpers.	Sarah J. Eddy.
308.	The New Basis of Geography.	Redway.
309.	Plans for Busy Work.	Sarah Louise Arnold.

310.	Thinking and Learning to Think.	Schaeffer.
311.	" " "	" "
312.	The Art of Teaching.	Emerson E. White.
313.	" " "	" "
314.	Architectural Wrought Iron.	Wm. Winthrop Kent.
315.	" " "	" "
316.	An Ideal School.	Search.
317.	Old Stories of the East.	Baldwin.
318.	" " "	" "
319.	Elements of the Theory and Practice of Cookery.	Williams and Fisher.
320.	Introduction to Psychology.	Calkins.
321.	Educational Aims and Educational Values.	Hanus.
322.	Art History in Outline.	Nye.
323.	School Management.	Landon.
324.	Notes of Lessons for Young Teachers.	John Taylor.
325.	Teaching as a Business.	Bardeen.
326.	Exercises in Mind Training.	Catharine Aiken.
327.	Right Living.	Susan H. Wixon.
328.	First Lessons in Reading.	Elizabeth H. Fundenberg.
329.	Helps in Teaching Reading.	Martha S. Hussey.
330.	Nature's Garden.	Neltje Blanchan.
331.	Mother Stories.	Maud Lindsay.

1903. CITY DOCUMENT No. 7.

Twenty-fourth Annual Report

OF THE

BOARD OF HEALTH

OF THE

CITY OF NEW BEDFORD

TO THE CITY COUNCIL

FOR THE YEAR 1902.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.



REPORT.

OFFICE OF THE BOARD OF HEALTH,
NEW BEDFORD, January 1, 1903.

*To His Honor the Mayor, and Gentlemen of the City
Council :—*

GENTLEMEN—In presenting the 24th Annual Report of this department, we can but repeat much which we have already covered in previous reports. The early part of the year, save in the development of eighteen (18) cases of small-pox, there were but few cases of contagious disease as compared with previous years, but beginning with October, scarlet fever and diphtheria developed to such an extent that the number of cases in the two months then following was greatly in excess of the nine months previous. The disease was principally found in the tenement houses in the north-east section of the city. In this connection we would again point out the necessity for a contagious disease hospital for the treatment of scarlet fever and diphtheria. Such an institution would have proven invaluable during the rapid spread of scarlet fever in that thickly settled district. During the year there were 144 cases of scarlet fever, 115 of which were reported in the last three months of the year. This disease the past year has been of an unusually severe type and from this cause alone there have been 31 deaths.

BOARD OF HEALTH.

In the matter of a medical inspection of the public and parochial schools, we feel that more frequent visits to each and every school in the city should be made.

When the contract for collection and disposal of garbage was originally made in 1896, it was agreed to make collections only in that territory bounded on the north by Nash road, on the south by Cove road to Dartmouth line, on the west by Rockdale ave. Occasionally the New Bedford Product Co. made collections outside of this district of its own volition, but the demand in the fast growing sections, north and south, made it necessary that residents outside of the contracted for district should have the same service as those residing in the centre of the city. Bids were advertised, and the New Bedford Product Co. being the lowest bidder, an additional contract covering the entire city was made with that corporation. The handling of night soil also proved a difficult problem to solve, especially as the summer months were near at hand before an adjustment could be reached. After careful inquiry into the methods in use elsewhere, a provisional contract was made with the same concern. These three contracts, the two additional and the original, expire June 1, 1906.

During the year there were 615 free vaccinations. Of this number 51 were revaccinated.

During the year the following persons were licensed as plumbers:

MASTER

Benj. G. Brown,
James E. McGoff,
Wm. H. Mudge,
Alfred L. Belanger.

JOURNEYMAN

Alonzo W. Spooner,
Chas. H. Stowell,
Frank E. Lynch,
John T. Murphy,
Wm. H. Mudge.

The following plumbers renewed licenses of the previous year:

MASTER PLUMBERS

Martin V. B. Cahoon,
Percy C. James,
Azaire Bolduc,
Edw. Gregory,
J. P. Reilley,
E. P. Hirst,
Henry J. Gurl,
J. F. Haughey,
Michael L. Sylvia, 2nd,
J. V. O'Neil.

JOURNEYMEN

Chas. L. Allen,
Patrick Loftus,
W. S. Raphael,
D. J. Dempsey,
Alex. M. Pease,
John Enos,
Patrick Haughey,
Jas. M. Murphy,
Wilfrid Bacon,
Jas. J. Phelan,
Chas. Kennedy,
John T. Conway,
Walter P. Bailey,
W. H. Barry,
Jas. W. Turner,
Chas. Mellor.

During the year 1902, the following persons were granted licenses as undertakers:

Robert G. Bennett,
John F. Rogers,
Chas. E. Vaughan,
Robert J. Curry,
Adolph P. Lagasse,
E. T. Wilson,
T. J. Murphy,
A. Desautels,
J. S. Williams,
Henry Proulx,

John Rogers,
W. C. Vaughan, Jr.,
John E. Moriarty,
Vital Girard,
J. D. Sullivan,
H. P. Wilson,
Simon Simanski, 2nd,
Leon Goldstein,
Jos. Carriere,
E. R. Gravé.

**EXPENDITURES FOR THE YEAR ENDING
NOV. 30, 1902.**

Dec., 1901,	\$1,825.92
Jan., 1902,	1,811.41
Feb., "	1,870.45
Mar., "	1,978.43
April, "	1,893.05
May, "	2,273.39
June, "	3,091.84
July, "	2,693.67
Aug., "	2,632.44
Sept., "	2,901.32
Oct., "	2,774.57
Nov., "	2,754.43
Total expense,	\$28,500.92
Appropriation,	22,000.00
Special appropriation,	5,536.10
	\$27,536.10
Deficit,	964.82
Transferred from bacteriological account,	967.48
Balance,	2.66

During the year 1902, the following permits were granted by the Board:

Cleaning vaults and cesspools,	18
To reinter bodies,	113
Stable licenses,	7
Cattle licenses,	15
Swine licenses,	16
Number of notices served,	37
Number of complaints received,	83

Of this number, 9 were found upon investigation, to be without cause.

We refer you to the various reports, outlining in detail the work of the department.

Respectfully submitted,

WM. G. KIRSCHBAUM,

J. T. BULLARD, M. D.,

Board of Health.

NEW BEDFORD, MASS.

January 1, 1903.

To the Board of Health:

GENTLEMEN—The following is my report for the year 1902.

The number of cases reported to the Board and investigated by me is

Typhoid fever,	181
Scarlet fever,	144
Diphtheria,	99
Small-pox,	18

Each case of Typhoid as formerly, was carefully investigated and a complete report was filed with the local Board and the State Board of Health. While cases were found in all parts of the city the south, and southeastern sections furnished a great percentage. Of the 181 cases—125 occurred during the last four months of the year.

Next on the list from a point of frequency is Scarlet fever. Not only is it noticeable in numbers but it has been unusually fatal. Like typhoid, it prevailed in the fall and early winter months. 115 of the 144 cases were in October, November and December. In the north and northeastern sections it prevailed, and in that section was most fatal. Your inspector is convinced that a great many children are allowed to mingle with others, long before peeling is complete. If the physicians were more careful to instruct the patients of the danger of the contact, there would be far less Scarlet Fever in this city.

Of the 99 cases of Diphtheria, 63 occurred in the last four months. Physicians have generally availed themselves of the privilege of a culture for diagnosis, this year much more than previously and it has proven a very valuable aid.

Respectfully submitted,

WILLIAM C. SHEEHY,
Medical Inspector.

REPORT OF MEDICAL INSPECTOR OF SCHOOLS.

NEW BEDFORD, Jan. 1, 1903.

To the Board of Health:

GENTLEMEN—I herewith submit my report as medical inspector of schools:

Number of children examined 2291.

Number recommended to be sent home,	35
" consultations with teachers,	2
" of cases of Pediculosis,	354
" " Defective vision,	61
" " Impatigo,	33
" " Tinea,	31
" " Otorrhea,	1
" " Blepharitis,	7
" " Mumphs,	1
" " Herpes,	54
" " Eczema,	41
" " Otitis,	15
" " Chorea,	2
" " Defective hearing,	6
" " Tonsillitis,	5
" " Conjunctivitis,	11
" " Nervous affections,	3
" " Nasal catarrh,	1
" " Scabies,	6
" " Pharyngitis,	2
" " Stomatitis,	1
" " Rhus poisoning,	13
" " Color blindness,	1
" " Measles,	1
" " Whooping cough,	10
" " Mental deficiency,	8

Respectfully submitted,

J. P. ST.GERMAIN, M.D.

REPORT OF MEDICAL INSPECTOR OF SCHOOLS.

NEW BEDFORD, Jan. 1, 1902.

To the Board of Health:

Gentlemen:—I herewith submit my report for the year 1902:

Number of children examined, 1450.

Number recommended to be sent home,	25
" consultations with teachers,	6
" cases of Pediculosis,	231
" " Impetigo,	28
" " Conjunctivitis,	3
" " Tinea,	3
" " Defective vision,	14
" " Whooping cough,	4
" " Scabies,	1
" " Scarlet fever,	1

Respectfull submitted,

G. F. LEWIS, M.D.

REPORT OF BACTERIOLOGIST,

For period extending from Feb. 17, 1902 through Dec.
31, 1902.

Diphtheria.

Total number of cultures examined,	269
New cases,	127
	<hr/>
Positive,	73
Negative,	45
Doubtful,	9
	<hr/>
	127
Cultures for release,	142

Tuberculosis.

Number of tests,	64
Positive,	18
Negative,	46

Typhoid Fever.

Number of tests,	5
Positive,	0
Doubtful,	1
Negative,	4

Respectfully submitted,

CHARLES F. CONNOR, M.D.

MORTUARY REPORT, 1902.

NEW BEDFORD, Jan. 1, 1903.

To the Board of Health:

GENTLEMEN:—I herewith submit the record of deaths and cases of contagious and infectious diseases for the year ending December 31, 1902.

CAUSE OF DEATH.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Apoplexy.....	7	7	6	3	3	..	1	4	7	2	7	2	54
Alcoholism.....	1	..	..	1	..	..	1	1	..	..	1	..	5
Addison's disease.....	1	..	1	..	..	..	..	..	..	..	..	..	1
Anaemia pernicious.....	..	..	2	1	1	2	2	..	2	..	..	1	5
Atelectasis.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Arterio scleriosis.....	..	..	..	..	..	..	..	..	..	..	..	1	6
Accident, fall.....	..	..	..	..	1	..	..	1	..	..	2	..	2
Accident, suffocation.....	..	..	..	..	..	1	..	..	..	..	..	..	..
Athrepsia.....	..	..	..	..	..	..	..	..	..	..	..	..	1
Asphyxia.....	..	..	..	..	..	..	..	1	..	..	..	1	2
Abscess of throat.....	..	..	..	..	..	..	..	1	..	..	..	1	2
Abscess of kidney.....	..	..	..	..	..	..	..	..	1	..	..	..	..
Appendicitis.....	..	..	..	..	..	..	..	..	1	2	..	..	3
Bronchitis.....	6	6	10	6	8	..	5	1	..	3	10	5	60
Burns.....	1	1	..	2	1	2	..	..	..	..	..	1	8
Brain disease.....	1	1	..	1	..	..	..	3	..	1	1	1	9
Bladder, hemorrhage from.....	..	..	1	..	..	..	..	..	..	..	..	..	1
Bladder, inflammation of.....	..	..	..	1	..	..	..	..	..	..	..	..	1
Broken neck.....	..	..	..	..	..	..	..	..	..	..	1	..	1
Cancer.....	..	..	..	..	..	..	..	..	..	1	..	..	2
Cancer of bladder.....	1	..	..	2	..	..	1	..	..	..	..	..	3
Cancer of breast.....	..	..	..	..	..	..	..	1	..	..	..	..	1
Cancer of stomach.....	1	..	1	3	1	..	1	..	1	..	..	..	8
Cancer of face.....	..	..	..	1	..	..	..	..	..	..	..	..	1
Cancer of uterus.....	..	..	2	1	3	..	4	1	..	2	1	1	15
Cancer of liver.....	..	..	..	..	2	..	1	..	2	..	..	1	6
Cancer of ovary and intestine.....	..	..	..	..	..	1	..	..	..	..	..	..	1
Cancer of aesophagus.....	..	..	..	..	..	..	1	..	..	..	..	..	1
Cancer of intestines.....	..	..	1	..	..	..	1	..	..	1	..	..	3
Cancer of omentum.....	..	..	..	..	..	..	..	1	..	..	..	..	1
Cancer of ear.....	..	..	..	..	..	..	..	..	1	..	..	..	1
Cancer of axilla.....	..	..	..	..	..	..	..	..	..	1	..	1	1
Convulsions.....	2	1	2	1	3	..	1	4	2	2	5	4	27
Compression of cord.....	..	..	1	..	..	..	..	..	..	..	..	..	1
Cholera infantum.....	..	..	..	1	1	..	23	47	22	19	1	..	114
Debility.....	1	1	..	..	1	..	2	..	..	..	1	1	7
Debility Infan.....	5	6	5	10	9	2	5	9	12	13	20	5	101

MORTUARY REPORT, 1902—*Continued.*

CAUSE OF DEATH.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Diphtheria	1	1	3	3	2	1	..	2	..	2	7	5	27
Drowning accident	1	..	..	..	..	1	3	..	..	..	..	7
Dysentery	2	..	..	1	1	1	..	..	..	4
Diarrhoea	1	1	1	..	..	..	..	4
Diabetes	2	1	1	1	1	..	..	..	7
Enteritis	2	1	1	1	1	1	1	3	4	2	1	18
Enteritis gastro	2	2	..	5	6	9	1	1	1	27
Entero colitis	1	..	..	2	1	3	..	1	..	..	8
Eclampsia	1	..	..	..	2	..	..	..	3
Electric shock	1	..	1	..	..	2
Epilepsy	1	2	..	1	2	..	2	..	..	..	1	1
Fracture of skull	8
Fracture of spine	1	1	..	..	..	..	1	..	1
Fracture of hip	2
Fever, scarlet	2	..	7	13	9	31
Fever, typhoid	1	1	1	..	3	..	..	3	4	3	6	2	24
Fever, puerperal	1
Gastritis	1	..	2	..	1	..	..	1	..	..	..	..	5
Gangrene	1	..	..	..	..	..	..	..	1	..	..	2
Gangrene of intestine	1	..	..	1
Gallstone	1	1	..	..	..	..	..	..	..	..	..	2
Gall bladder, inflam. of	1	..	1	..	..	..	..	..	..	..	2
Goitre, exophthalmic	1	..	..	..	..	..	..	..	1
Glottis, oedema of	1	1
Heart disease	9	8	5	10	12	6	3	10	7	8	13	9	100
Hemorrhage	1	..	1	..	..	..	..	2
Hemorrhage, intestinal	1	..	..	..	..	..	..	2
Hemorrhage, umbilical	1	..	..	..	..	..	..	1
Hemorrhage, pul	1	..	..	..	..	1	2
Hemiplegia	1	2	..	..	..	..	..	..	3
Hip disease	1	..	..	..	..	..	..	1
Hydrocephalus	1	..	..	..	..	2
Haemoptysis	1	..	..	1
Influenza	1	..	..	..	..	..	..	..	..	..	..	..	1
Injury	1	..	..	..	..	..	..	..	..	..	..	..	1
Injuries multiple	1	1
Intestinal obstruction	1	1	2	1	..	..	1	..	1	1	..	8
Insanity	3	..	..	..	..	..	..	..	..	..	3
Ileo colitis	1	1	..	..	..	2
Jaundice	2	2
Kidney disease	6	4	7	4	7	5	3	9	4	7	3	11	70
Liver cirrhosis of	1	..	..	1	1	1	1	..	..	2	..	..	7
Laryngismus stridulous	1	..	1	..	..	..	..	..	..	..	1	..	3
Laryngitis	1	..	..	..	..	..	..	2	..	..	3
Larynx, oedema of	1	..	..	..	1	..	..	..	1	..	..	1
Lungs, congestion of	1	..	..	..	1	..	..	..	2
Lungs, oedema of	1	..	..	..	..	..	1	..	..	1	..	4

MORTUARY REPORT—*Continued.*

CAUSE OF DEATH.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Leucocytæmia . . . . .	..	..	..	..	1	..	1	..	..	..	1	..	3
Locomotor ataxia . . . . .	..	..	..	..	..	..	..	..	..	..	1	..	1
Meningitis	2	1	3	2	4	3	2	2	4	6	9	5	43
Meningitis cer. . . . .	..	..	..	..	..	1	1	..	..	..	..	..	2
Meningitis cer. spinal	1	1	..	2	1	..	..	1	..	..	..	1	7
Meningitis tub.	1	..	1	..	1	..	..	..	..	..	..	..	3
Malnutrition . . . . .	..	1	..	..	..	..	..	..	1	1	..	..	3
Mercurial poisoning . . . . .	..	..	1	..	..	..	..	..	..	..	..	..	1
Myelitis . . . . .	..	..	..	..	..	..	..	1	..	..	..	..	1
Natural causes	4	..	3	..	2	1	..	..	2	1	2	3	18
Old age . . . . .	..	4	5	..	1	2	2	1	3	1	1	4	24
Phthisis pul.	11	13	13	9	14	7	5	9	7	7	3	18	116
Pneumonia	9	10	22	12	14	12	5	4	5	5	14	22	134
Paralysis	1	3	..	1	1	2	1	..	..	..	2	1	12
Premature birth . . . . .	..	3	3	1	3	..	5	3	..	..	4	..	22
Paraphlegia . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	1
Peritonitis . . . . .	..	1	..	1	1	3	..	..	1	1	..	1	9
Peritonitis tub. . . . .	..	..	..	1	..	1	..	..	..	..	..	..	2
Pleurisy . . . . .	..	..	1	1	..	1	1	..	..	..	1	..	5
Poisoning with wood alcohol . . . . .	..	..	..	1	..	..	..	..	..	..	..	..	1
Placenta praevia . . . . .	..	..	..	..	..	..	1	..	..	..	..	..	1
Ptomaine poisoning . . . . .	..	..	..	..	..	..	..	1	..	..	..	..	1
Poisoning by gas . . . . .	..	..	..	..	..	..	..	..	..	..	1	..	1
Paresis . . . . .	..	..	..	..	..	..	..	..	..	..	1	..	1
Rectum, malformation of . . . . .	..	..	..	..	1	..	..	..	..	..	1	..	1
Rheumatism . . . . .	..	..	..	..	..	1	..	..	..	..	1	..	3
Suffocation by smoke	1	..	..	..	..	..	..	..	..	..	..	..	1
Spinal bifida	1	..	..	..	..	..	..	..	..	..	..	..	1
Scorbutus	1	..	..	..	..	..	..	..	..	..	..	..	1
Syphilis . . . . .	..	1	..	..	..	1	..	..	..	..	..	..	2
Spinal schlerosis . . . . .	..	1	..	..	..	..	..	..	..	..	..	..	1
Suicide, carbolic acid . . . . .	..	..	1	..	..	1	..	..	..	..	..	..	2
Septicaemia . . . . .	..	..	2	1	2	1	..	3	..	2	1	..	12
Shock due to burns from carb. acid . . . . .	..	..	..	..	..	1	..	..	..	..	..	..	1
Shock, traumatic . . . . .	..	..	..	..	..	1	..	..	..	..	..	..	1
Tetanus, traumatic . . . . .	..	..	..	1	..	1	1	..	..	2	1	..	6
Thrombus . . . . .	..	..	..	..	..	..	..	1	..	..	..	..	1
Tumor cer. . . . .	..	..	..	..	..	..	..	..	..	..	..	1	1
Uterus, malignant tumor of . . . . .	..	..	..	1	..	..	1	..	..	..	..	..	2
Ulcer, gastric . . . . .	..	..	..	..	..	1	..	1	..	..	..	..	1
Whooping cough . . . . .	..	..	..	..	..	..	1	..	..	..	..	..	1

MORTUARY REPORT, 1902.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Whole number of deaths	78	89	119	96	181	66	98	152	111	119	146	126	1331
Whole number of males	41	44	63	47	65	33	50	69	48	65	76	61	662
Whole number of females	37	45	56	49	66	33	48	83	63	54	70	65	669

Death rate per 1,000 inhabitants, 18.49.

CASES OF CONTAGIOUS AND INFECTIOUS DISEASES.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Small pox	1	10	1	5	..	..	1	..	..	..	..	..	18
Scarlet fever	1	2	7	3	1	4	4	4	3	19	63	33	144
Diphtheria	5	1	6	5	5	3	6	5	12	11	21	19	99
Measles .....	..	2	1	3	10	36	7	..	1	8	12	..	70
Typhoid fever	8	3	3	5	10	2	10	15	35	41	28	21	181
Leprosy .....	..	..	..	1	..	..	..	..	..	..	..	..	1

MORTUARY REPORT, 1902.

		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Under 1 year	Males	11	13	13	12	15	6	25	36	20	28	29	11	219
	Females	8	7	11	16	16	5	22	40	31	24	18	8	206
1-2 years	Males	2	2	4	1	3	4	2	1	3	6	6	5	39
	Females	1	1	5	1	2	3	2	5	5	2	5	6	38
2-3 years	Males .....	..	1	2	1	1	1	1	1	..	3	1	4	14
	Females	2	1	1	1	1	1	1	1	2	..	6	4	20
3-4 years	Males	2	2	1	1	1	1	2	..	..	2	4	4	15
	Females	3	..	1	1	..	..	2	..	..	2	3	..	12
4-5 years	Males	1	3	2	2	..	..	1	..	2	3	..	..	14
	Females .....	..	1	2	..	..	1	..	..	..	..	..	4	4
5-10 years	Males .....	..	1	2	3	..	..	1	..	2	5	5	5	19
	Females	1	..	3	2	3	..	2	2	1	4	5	5	22
10-15 years	Males	1	1	..	1	1	..	..	..	..	2	..	2	8
	Females .....	..	1	..	1	1	..	..	..	..	1	2	1	7
15-20 years	Males	4	1	2	2	2	1	2	2	1	..	2	1	19
	Females	2	..	1	..	1	3	1	1	..	2	1	1	13
20-30 years	Males	5	3	7	5	7	4	3	7	4	4	2	7	58
	Females	4	4	5	2	6	4	3	8	2	3	3	4	48
30-40 years	Males	2	5	6	4	4	1	..	3	2	3	2	4	36
	Females	5	4	4	3	3	2	2	4	3	3	5	6	44
40-50 years	Males	2	1	1	3	6	2	3	4	6	8	7	3	41
	Females	3	4	4	3	5	2	3	2	3	1	4	8	42
50-60 years	Males	7	7	10	3	3	2	3	1	3	2	10	5	56
	Females	3	3	6	3	4	1	4	6	4	4	5	7	50
60-70 years	Males	5	1	5	8	9	5	6	8	3	4	2	5	61
	Females	2	4	4	6	6	3	3	3	6	5	5	4	51
70-80 years	Males	3	3	4	5	6	2	4	2	3	4	4	1	41
	Females	4	5	4	4	10	2	5	7	5	2	6	3	57
Ov'r 80 years	Males	1	3	5	..	2	..	..	2	2	1	3	3	22
	Females	5	8	9	4	8	2	2	2	..	5	4	5	54
Stillborn ...	Males	7	3	4	4	5	5	2	5	7	4	5	4	55
	Females	5	1	8	3	3	3	4	7	6	4	2	5	51
Sex unknown .....	..	..	1	..	..	..	..	..	..	..	..	..	..	1

Respectfully submitted,

SUSAN J. SMALL, Clerk.

NEW BEDFORD, Jan. 1, 1903.

To the Board of Health:

GENTLEMEN:—I herewith submit my report as health inspector for the year 1902:

Defective drains and cesspools,	20
Defective privies and vaults,	21
Filthy and overflowing vaults and cesspools,	45
Filthy and clogged water closets,	8
Clogged drains,	27
Filthy yards and cellars,	20
Defective plumbing,	9
Location of privies,	13
Manure pile nuisances,	8
Cow barn nuisances,	9
Hen yard nuisances,	15
Hens kept in cellar,	5
Filthy ash barrels,	33
Bad smelling sand catchers,	6
Complaints of fish nuisances,	5
Keeping pigs without a license,	3
Inspections of tenements,	13
Inspection of locations to build barns,	14
Complaints without cause,	9
Notices served,	37
Complaints of wet cellars,	7
Houses playcarded,	174
Number of rooms fumigated,	457
Schoolrooms fumigated, (not including parochical schools,)	230
Inspections made,	242
Mattresses collected and destroyed,	97

Respectfully submitted,

WM. E. MACOMBER,

Health Inspector.

NEW BEDFORD, Jan. 1, 1903.

To the Board of Health:—

GENTLEMEN:—I have the honor to submit the following report of the work performed by me as Inspector of Plumbing:

Number of Permits Issued 544:

Number of old buildings,	362
“ New buildings,	182
“ Inspections.	3470

Number of fixtures placed in buildings:—

	Old.	New.
Sinks,	452	524
Water closets,	379	480
Wash bowls,	110	128
Bath tubs,	110	159
Wash trays,	22	29
Urinals,	10	16

Respectfully submitted,

LOUIS H. RICHARDSON,

Inspector of Plumbing.

NEW BEDFORD, Jan. 1, 1903.

To the Board of Health:—

GENTLEMEN:—I have the honor to submit the following report as Quarantine Physician for the year 1902:

Boarded 25 vessels arriving from foreign ports. None were detained in quarantine as there were no diseases of a contagious nature.

Respectfully submitted,

J. T. BULLARD, M.D.

Quarantine Officer.

REPORT OF THE BOARD OF PLUMBING
EXAMINERS.

NEW BEDFORD, Jan. 1, 1903.

To the Board of Health:—

GENTLEMEN:—During the year 1902 there were held eight meetings. Nine persons were examined and were recommended to your Board for licenses—Five received journeyman licenses, and four, master.

Respectfully submitted,

WM. G. KIRSCHBAUM,
EDMUND O'KEEFE, }
WM. DEACON, } Board of
Examiners.

NEW BEDFORD, Jan. 1, 1903.

To the Board of Health:—

GENTLEMEN:—I have the honor to submit the following:

We have to report that the average daily collection of garbage during the year 1902 was 125 barrels, each weighing 300 pounds, a total of 37500 pounds per day. Total number of daily collections, 307, making a gross collection of garbage 11,512,500 pounds. Under the new contract the average daily collections increased about 20 per cent.

Number of dead animals collected, consisting of horses, cows, dogs and goats, 235.

Yours truly,

N. B. Product Co.,

A. E. PERRY,
Treasurer.

**CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
February 12, 1903.**

Received, ordered printed in the City Documents,
and sent down for concurrence.

D. B. LEONARD, City Clerk.

**IN COMMON COUNCIL,
February 12, 1903.**

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 8.

THE

ANNUAL FINANCIAL REPORTS

OF THE

CITY OF NEW BEDFORD

FOR THE YEAR

1902.

**NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.**



THE
AUDITOR'S ANNUAL REPORT

OF THE

Receipts and Expenditures

OF THE

CITY OF NEW BEDFORD

FOR THE YEAR 1902.

CITY OF NEW BEDFORD,
OFFICE OF THE CITY AUDITOR,
April 23, 1903.

To the Honorable, the City Council,—

GENTLEMEN:—I have the honor to submit herewith the annual report of the receipts and expenditures of the City of New Bedford for the financial year ending on the thirtieth day of November, 1902; with a statement of the city debt, a schedule of the city property and the estimated value thereof, and other statements that have been deemed of interest.

Very respectfully,

CHARLES J. McGURK,
City Auditor.

AUDITOR'S REPORT.

JAMES H. HATHAWAY, CITY TREASURER, IN ACCOUNT
WITH THE CITY OF NEW BEDFORD.

DR.	
December 2, 1901. To balance of cash	\$67,398.56
Appropriations general, taxes, 1902	\$951,628.55
" " " 1901	50,849.30
" " " 1900	11,494.55
" " " 1898	8.84
" " " 1897	3.24
" special, note 1902	60,000.00
" " bonds, 1901	104,811.57
" " " 1900	188,188.43
Armories and Military Property	19.00
Cemetery Board	10,935.01
Cemeteries, sales of lots	3,956.00
Com. of Mass., C. 79 R. L., burial of soldiers	945.00
" " " military aid	1,295.23
" " " state aid	11,601.50
Department of Wharves	6,740.65
Fire Department	723.50
Free Public Library, Dog Fund	1,553.95
Free Public Library, Trustees of—	
James B. Congdon Fund	30.00
George O. Crocker Fund	420.00
Oliver Crocker Fund	60.00
George Howland, Jr., Fund	96.00

AUDITOR'S REPORT.

Sylvia Ann Howland Fund	3,001.45
Charles W. Morgan Fund	60.00
Charles L. Wood Fund	80.00
Highways and Streets	38,830.40
Incidentals	20.00
Lighting the Streets	136.50
New Bedford School Committee—	
Sylvia Ann Howland Fund	3,000.00
Jonathan Bourne Prize Fund	60.00
New Bedford Water Works	132,167.74
Park Commission	529.76
Police Department	8,747.15
Poor Department	9,621.16
Protection of Shade Trees	140.57
Public Debt	92,080.00
Public Schools, Dog Fund	1,553.94
Real Estate Tax Account	95.62
Sewers, General Account	11,845.98
Sinking Funds	12,136.60
Temporary Loans	1,300,000.00
Unappropriated Funds	128,014.89
	<hr/>
	\$3,214,875.14

AUDITOR'S REPORT.

JAMES H. HATHAWAY, CITY TREASURER, IN ACCOUNT
WITH THE CITY OF NEW BEDFORD.

CR.

Almshouse kitchen, addition	\$1,803.56
Alterations, etc., N. B. High School	2,708.68
Armories and Military Property	3,022.46
" " " " Rifle Range	995.50
Block paving South Water street	15,000.00
Board of Assessors	6,499.22
Board of Health	28,500.92
" " " contagious diseases	8,702.91
Cemetery Board	30,755.51
Cemeteries, sales of lots	3,331.60
City Property	9,639.42
" " special committee	20.95
Coggeshall Street Bridge	193.10
Com. of Mass., C. 79 R. L., burial of soldiers	525.00
" " " " military aid	8,102.00
" " " " state aid	11,992.00
" " " " soldiers relief	13,007.23
Court judgments	4,364.60
Department of Wharves	4,351.09
Elections	4,370.01
Engineering Department	9,989.97
" " tides investigation	172.80
Fire Department	84,026.45

AUDITOR'S REPORT.

Fourth of July celebration	4,966.33
Free Public Library	11,926.47
" " Dog Fund	532.70
" " repairs and renovation	3,622.69
Free Public Library, Trustees of—	
George O. Crocker Fund	862.77
George Howland, Jr., Fund	207.25
Sylvia Ann Howland Fund	3,411.50
Reading Rooms Fund	230.08
Highways and Streets	184,070.24
Incidentals	40,417.23
" Memorial Day	849.91
Laid Damages, Acushnet avenue, No. 4	1,461.83
" Chancery street	998.80
" Layout of Linden court	1,200.00
License Commission	593.91
Lighting the Streets	56,909.99
New Bedford School Com., Howland Fund	2,099.08
" " " Bourne Prize Fund	60.00
New Bedford Water Works	134,952.02
" " " Further Water Supply	143.74
Park Commission	43,503.17
Parker Street School, alterations, etc.	29,270.40
" " " heating, etc.	4,612.00
" " " plans, etc.	1,263.61
" " " refurnishing	1,119.67
Pingree Plan	1,178.90
Plans, etc., new school buildings	2,275.57
Police Department	117,498.27
Poor Department	72,197.97
Printing, Binding and Stationery	3,520.39
Protection of Shade Trees	2,868.08
Public Baths, improvements	1,110.61
" " maintenance	988.16
Public Debt	281,755.05
Public Schools, Dog Fund	776.89
" " Incidentals	58,511.70
" " Pay of Teachers	161,134.51
" " Repairs of Buildings	7,210.34
Salaries	26,562.83
Schoolhouse, Blackmer street, extras	6,805.33
" " " heating, etc.	500.00
" Coggeshall street, extras	8,540.76
" " " heating, etc.	500.00

AUDITOR'S REPORT.

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Schoolhouse, Shawmut avenue, extras	4,483.83
" " " heating, etc.	1,048.00
" " " grading, etc.	6,041.00
Schoolhouse lot, Morgan estate	60,000.00
Sewers, General Account	28,636.62
Sewer, Bay and Dartmouth streets	299.75
" Briggs street	444.18
" Cleveland street	707.82
" Davis street	2,339.82
" Hemlock street, No. 1	329.17
" " " No. 2	260.29
" Liberty street	3,067.53
" North street	809.30
" Peckham street	764.84
" Phillips avenue, No. 1	4,240.38
" Ruth street	1,057.01
" Tinkham street	871.91
" Trinity street	551.66
" South Water street	1,858.87
" Weld street	2,271.80
" Willard and Valentine streets	2,924.73
" Woodlawn street	2,064.35
Sinking Funds	108,416.30
Temporary Loans	1,375,000.00
Textile School	7,000.00
Woman's Ward and Hospital, construction	7,963.01
" " " " heating, etc.	1,500.00
City Treasurer, balance of cash	\$3,150,247.85 64,627.29 <hr/> \$3,214,875.14

Expenditures in Detail.

APPROPRIATIONS, GENENAL, 1902.

	DR.
Armories and Military Property	\$3,000.00
Board of Assessors	6,5000.00
Board of Health	22,000.00
Cemetery Board	12,000.00
City Property	6,500.00
Coggeshall Street Bridge	600.00
Com. of Mass., C. 79 R. L., military aid	1,500.00
" " " " soldiers' relief	10,000.00
Elections	4,200,00
Engineering Department	10,000.00
Fire Department	78,000.00
Free Public Library	12,000.00
Highways and Streets	67,500.00
Incidentals	40,000.00
License Commission	1,000.00
Lighting the Streets	60,000.00
New Bedford Water Works	12,000.00
Park Commission	25,000.00
Pingree Plan	1,200.00
Police Department	112,000.00
Poor Department	55,000.00
Printing, Binding and Stationery	3,000.00
Public Debt	190,398.00
Public Schools, Incidentals	60,000.00
" " Pay of Teachers	83,000.00
" " Repairs of Buildings	8,000.00
Salaries	26,095.00
Sewers, General Account	12,000.00
Sinking Funds	<u>\$1,018,773.70</u>

AUDITOR'S REPORT.

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CR.

By receipts as per Treasurer's reports -	\$951,628.55
December 1, 1902. Balance	<u>67,144.15</u> \$1,018,772.70

DR.

December, 1, 1902. To balance	<u>\$67,144.15</u>
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APPROPRIATIONS, GENERAL, 1901.

DR.

December 2, 1901. To balance	<u>\$55,946.42</u>
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CR.

By receipts as per Treasurer's reports	\$50,849.30
December 1, 1902. Balance	<u>5,097.12</u> \$55,946.42

DR.

December 1, 1902. To balance	<u>\$5,097.12</u>
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APPROPRIATIONS, GENERAL, 1900.

DR.

December 2, 1901. To balance	<u>\$11,494.55</u>
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CR.

Receipts as per Treasurer's reports	<u>\$11,494.55</u>
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APPROPRIATIONS GENERAL, 1898.

DR.

December 2, 1901. To balance	<u>\$10,156.85</u>
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CR.

Receipts as per Treasurer's reports	\$3.84
By transfer to balance	<u>10,158.01</u>
	<u>\$10,158.85</u>

APPROPRIATIONS, GENERAL, 1897.

DR.

December 2, 1901. To balance	<u>\$16,436.38</u>
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CR.

Receipts as per Treasurer's reports	\$3.24
By transfer to balance	<u>16,433.14</u>
	<u>\$16,436.38</u>

APPROPRIATIONS, SPECIAL, 1902.

DR.

Almshouse, kitchen addition	\$4,085.00
Alterations, etc., New Bedford High School	8,387.06
Armories and Military Property, rifle range	1,000.00
Block paving South Water street	15,000.00
Board of Health	5,536.10
" " " contagious diseases	7,700.00
Cemetery Board	8,000.00
City Property, portable schools	5,700.00
Coggeshall Street Bridge, repairs	5,500.00
Fire Department	5,500.00
Fourth of July celebration	5,000.00
Free Public Library, repairs and renovation	3,622.69
Highways and Streets	87,500.00
Land Damages, Chancery street	998.80
" " " Layout of Linden court	1,500.00
Park Commission	18,000.00
Parker Street School, alterations, etc.	30,338.00
" " " heating, etc.	5,765.00
" " " plans, etc.	1,263.61
" " " refurbishing	3,500.00

Poor Department	9,000.00
Protection of Shade Trees	3,500.00
Public Baths, improvements	1,000.00
" " maintenance	1,000.00
Public Schools, Pay of Teachers	83,000.00
Schoolhouse, Shawmut avenue, grading, etc.	6,041.00
Schoolhouse lot, Morgan estate	60,001.00
Sewers, General Account	5,000.00
Sewer, Bay and Dartmouth streets	500.00
" Chepatchet street	3,599.00
" Cleveland street	800.00
" Davis street	3,000.00
" Hemlock street, No. 2	300.00
" North street	1,100.00
" Peckham street	1,000.00
" Phillips avenue, No. 1	5,400.00
" " No. 2	1,000.00
" Ruth street	1,200.00
" Tinkham street	1,200.00
" Trinity street	800.00
" South Water street	1,500.00
" Weld street	2,100.00
" Willard and Valentine streets	3,600.00
" Woodlawn street	2,400.00
Textile School	7,000.00
	<u>\$423,937.26</u>

CR.

By receipts as per Treasurer's reports	\$60,000.00
By transfer	1,122.37
December 1, 1902. Balance	<u>\$61,122.37</u>
	<u>362,814.89</u>
	<u>\$423,937.26</u>

DR.

December 1, 1902. To balance	<u>\$362,814.89</u>
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APPROPRIATIONS, SPECIAL, 1901.

DR.

December 2, 1901. To balance	<u>\$203,383.12</u>
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CR.

Receipts as per Treasurer's reports	\$104,811.57
By transfer to balance	98,571.55
	<u>\$203,383.12</u>

APPROPRIATIONS, SPECIAL, 1900.

DR.

December 2, 1901. To balance	<u>\$188,188.43</u>
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CR.

Receipts as per Treasurer's reports	<u>\$188,188.43</u>
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ALMSHOUSE, KITCHEN ADDITION.

DR.

Michael Goggin	\$1,521.40
John V. O'Neil	282.16
December 1, 1902. To balance	<u>2,281.44</u>
	<u>\$4,085.00</u>

CR.

By special appropriation	<u>\$4,085.00</u>
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CR.

December 1, 1902. Balance	<u>\$2,281.44</u>
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ALTERATIONS AND IMPROVEMENTS AT THE
NEW BEDFORD HIGH SCHOOL.

DR.

Flexible Door & Shutter Co.	\$1,532.00
Frost & Adams Co.	277.50

Samuel C. Hunt	50.00
Charles E. Peirce	514.15
E. F. Penney	147.24
Samuel Whitlow, Agent	178.43
Samuel Whitlow	9.36
To transfer to balance	<u>678.38</u>
	<u>\$3,387.06</u>

CR.

By special appropriation	<u>\$3,387.06</u>
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ARMORIES AND MILITARY PROPERTY.

DR.

Battery E., First Regiment, M. V. M., Armory:—

Francis T. Akin, fuel	\$53.11
F. B. Greene, agent, rent	800.00
F. B. Greene, agent, heating	38.50
N. B. Gas & Edison Light Co., lighting	320.01
N. B. Gas & Edison Light Co., repairs, etc.	2.90
	<u>\$1,214.52</u>

G. Company, Naval Brigade, M. V. M., Armory:—

William P. Briggs, locks and labor	\$12.75
F. S. Brightman Co., labels	3.77
Denison Brothers Co., fuel	88.00
David Duff & Son, fuel	96.00
T. M. Hart & Co., manila rope	7.24
Household Furnishing Co., cuspidors	1.50
George L. Kent, labor, stock and storage	145.05
N. B. Gas & Edison Light Co., lighting	361.18
N. B. Gas & Edison Light Co., repairs, etc.	3.45
N. B. Foundry & Mach. Co., stock and labor	13.40
Proprietors of Lewis Hall, rent	800.00
C. R. Sherman & Son, keys	.50
Frank B. Sistare, stock and labor	7.63
A. E. Thomas, float stage	199.14
C. F. Wing, sundries	1.05
	<u>\$1,690.66</u>

AUDITOR'S REPORT.

Rifle Range:—

Francis T. Akin, fuel	\$5.75
A. W. Allen, target frames	25.38
Blossom Brothers, lumber	.75
W. A. Bradford, target pasters	9.00
William P. Briggs, electric work	42.65
Denison Brothers Co., fuel	3.25
H. S. Hutchinson & Co., targets	28.50
Sherman & Perry, carriage hire	2.00
	<u>\$117.28</u>
	<u>\$3,022.46</u>

CR.

By appropriation	\$3,000.00
By receipts, as per Treasurer's reports	19.00
Transfer to balance	3.46
	<u>\$3,022.46</u>

ARMORIES AND MILITARY PROPERTY,
REFITTING RIFLE RANGE.

DR.

William P. Briggs, electric work	\$17.42
D. Herbert Cook, mason work	13.65
Highways and Streets, stock, labor and teaming	94.25
William Nelson, carpenter work	640.18
N. B. Boiler & Mach. Co., barricade and braces	230.00
To transfer to balance	4.50
	<u>\$995.50</u>
	<u>\$1,000.00</u>

CR.

By special appropriation	<u>\$1,000.00</u>
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BLOCK PAVING SOUTH WATER STREET.

DR.

Pay rolls, labor	\$4,633.24
Highways and streets, stock, labor and teaming	\$1,978.06
S. S. Paine & Brother, cement	924.46
" " " pipe	3.60
John B. Sullivan & Son, granite blocks	7,460.64
	<hr/>
	\$10,366.76
	<hr/>
	\$15,000.00

CR.

By special appropriation	\$15,000 00
	<hr/>

BOARD OF ASSESSORS.

DR.

Clerical help:—	
Pay rolls	\$4,936.88

Carriage hire, tickets, etc.:—

S. Desautels	\$16.00
J. H. Finnell	30.00
Henry Lomba	3.00
C. H. Murphy	35.00
N. Y., N. H. & H. R. R. Co.	60.00
E. M. Pierce	20.00
Sherman & Perry	2.00
A. A. Sylvia	30.00
Union Street Railway Co.	7.00
David Warren	37.50
	\$240.50

Stationery and supplies:—

F. S. Brightman Co., stationery	\$66.74
Carter's Ink Co., ribbons	4.50
T. H. McCarty, pens	1.50
Joseph Proulx, Agent, pens	6.00

AUDITOR'S REPORT.

R. W. Taber, typewriter and supplies	82.58
Wyckoff, Seamans & Benedict, book and holder	8.00
Yawman & Erbe Manufacturing Co., case	26.00
	\$195.32
 Printing, binding and advertising: —	
E. Anthony & Sons, incorporated	\$1.20
A. E. Coffin Press	76.50
Mercury Publishing Co.,	668.78
Sullivan & Markey	79.26
	\$825.74
 Miscellaneous: —	
F. T. Akin, sundries	\$2.98
A. M. Alger, copies of wills	1.80
Automatic Telephone Co., exchange service	31.42
Bates Manufacturing Co., repairing machine	2.00
F. A. Bonneau, Yale locks and labor	7.80
W. P. Briggs, keys	.75
A. T. Brownell, dinners	1.00
T. J. Cashman, gas lighter	1.00
Church & Hammond, supplies	1.25
Wm. Cronin & Co., cushion and case	7.85
C. S. & B. Cummings, matches, soap, etc.	2.95
DeWolf & Vincent, hardware	2.20
John Duff, P. M., stamps	24.00
S. H. Folsom, probate copies	.45
C. A. Gray, carting	.25
W. A. Greenough & Co., directories	8.00
Hatch & Co., express	1.40
Hotel Hawthorne, meals	12.80
T. F. Healy, Chairman, expenses of board	130.00
P. P. Jenney & Son, oil	.57
C. H. & H. A. Lawton Co., naptha, etc.	.55
Moore & Dick, cloth	1.00
New Bedford Co-operative Express	1.20
New Bedford Gas & Edison Light Co., sundries	2.23
Packard Hardware Co., sundries	1.00
A. P. Pope, stock and labor	8.88
Review & Record Co., subscription	5.00
C. R. Sherman & Son, key	.25
Soule Decorating Co., awnings	12.25
So. Mass. Telephone Co., exchange service	19.41

AUDITOR'S REPORT.

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W. U. Telegraph Co., message	.25	
C. F. Wing, repairing furniture	8.84	\$300.78
		<hr/>
To transfer to balance		\$6,499.22
		<hr/>
		.78
		<hr/>
		\$6,500.00

Cr.

By appropriation	<hr/> \$6,500.00
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BOARD OF HEALTH.

Dr.

Advertising:—

E. Anthony & Sons	\$33.27	
J. D. Escobar	2.00	
Mercury Publishing Co.	28.67	\$88.94

Carriage hire:—

Kirby & Hicks	\$27.50	
Sherman & Perry	2.50	\$30.00

Chemical and medical supplies:—

F. M. Douglass	\$390.03	
Fries Brothers	26.40	
C. H. & H. A. Lawton Co.	4.00	
Lincoln & Luchesi	4.50	
Andrew J. Lloyd & Co.	1.90	
H. K. Mulford Co.	26.68	
Red Cross Chemical Co.	4.80	\$158.31

Collecting garbage:—

New Bedford Product Co.	\$20,552.73	\$20,552.73
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Pest house:—

F. T. Akin, fuel	\$10.00	
John McCullough, stove	3.50	
Augustus Silva, plastering	9.50	\$23.00

Printing and stationery:—

E. Anthony & Sons	\$51.33
P. Blackiston's Son & Co.	2.00
F. S. Brightman Co.	1.65
Carter's Ink Co.	6.00
A. E. Coffin Press	12.60
F. A. Davis Co.	5.00
Denison Mfg. Co.	8.40
W. A. Greenough & Co.	4.00
Handy Telephone Index Co.	1.00
H. S. Hutchinson & Co.	7.42
Mercury Publishing Co.	37.64
Mortimer Seares	1.75
Sullivan & Markey	2.50
Robert W. Taber	24.70
	\$165.99

Quarantine expenses:—

Bliss & Nye	\$1.20
N. B. Gas & Edison Light Co.	9.88
Phaneuf & Son	4.23
Leontine Prevost	0.00
	\$23.81

Salaries:—

Charles F. Connor, bacteriologist	\$500.00
George F. Lewis, school inspector	500.00
Louis H. Richardson, plumbing inspector	1,400.00
William E. Macomber, health officer	1,003.75
Susan J. Small, clerk	700.00
William C. Sheehy, medical inspector	500.00
Joseph P. St. Germain, school inspector	400 0
	\$5,003.75

Miscellaneous:—

Almy & Hitch, labor and screens	\$1.75
Babbitt, Wood & Co., packing	.55
Bates & Kirby, rent	644.00
Clifford Baylies, repairs	1.50
John B. Baylies, plates	.65
Bliss & Nye, cuspidors	1.48
William P. Briggs, repairs	.20
City Steam Laundry Co., laundry	.42
Anna W. Croacher, vaccinations	273.00
William Deacon, services as examiner	45.00
William Deacon, services as inspector	62.08

Robert N. B. Doane, services	225.00
Hatch & Co., express	14.60
W. G. Kirschbaum, chairman, expenses	16.45
Knowlton, Perry & Cook, legal services	400.27
William E. Macomber, janitor	100.00
William E. Macomber, sundries	17.73
Mercury Publishing Co., subscription	6 00
N. B. Gas & Edison Light Co., labor and sundries	8.32
N. B. Gas & Edison Light Co., lighting	9.46
N. B. Tow Boat Co., transportation	53.00
N. Y., N. H. & H. R. R. Co., mileage books	40.00
John O'Neil, photographs	20.00
Pairpoint Corporation, wire	1.50
William H. Rankin, repairs	2.45
Louis H. Richardson, car tickets	60.00
C. R. Sherman & Son, labor	1.85
Alleu Smith, Jr., carting	51.00
W. E. Smith, dyeing	3.75
So. Mass. Telephone Co., service	67.46
So. Mass. Telephone Co., tolls	3.80
Union Street Railway Co., tickets	15.00
Western Union Telegraph Co., service	11.47
C. F. Wing, rod	.15
O. O. Woodward, carting	20.00
	\$2,179.39
	\$28,500.92
Cr.	
By appropriation	\$22,000.00
By special appropriation	5,536.10
By transfer to balance	964.82
	\$28,500.92

BOARD OF HEALTH, CONTAGIOUS DISEASE
ACCOUNT.

Dr.

Bedding: —

Briggs & Lawrence	\$34.00
F. R. Slocum Co.	34.75
Charles F. Wing	74.75

Chemicals and medical supplies:—

C. T. Bosworth & Co.	\$68.47
Frank M. Douglass	489.48
P. O. Driscoll, manager	3.00
Pease & Dandurand	5.60
Frank R. Pease	5.20
	\$571.75

Clothing and furnishings:—

Ashley & Peirce	\$462.63
Leander Brightman	10.22
Thomas Donaghy	4.75
Nichols & Damon	64.70
G. & L. Poisson	40.50
Ruggles & Ellison	285.09
J. V. Spare Dry Goods Co.	20.22
Mary Williams	5.25
J. & W. R. Wing & Co.	3.00
	\$896.36

Fuel:—

Francis T. Akin	\$14.35
John N. O'Brien	15.10
	\$29.45

Groceries:—

J. T. Baldwin	\$3.21
Bolduc & Langlois	77.20
Thomas Burgess	41.92
Joseph Chausse	386.21
R. & E. Chausse	5.63
Charles M. Davenport	14.97
John B. Fahey	16.61
D. B. Folger	29.69
Henry Gatie	46.54
A. L. Gonnevile	42.47
Ferdinand Goulet	1.50
George H. Hambly	2.34
P. J. Saucier	110.63
L. N. Senesac	198.47
George F. Smith	1.26
O. R. Taber & Son	40.87
	\$1,019.52

Hospital furnishings and supplies:—

Francis T. Akin	\$133.85
Bliss & Nye	4.89

George L. Brownell	.87
Chadwick & Co.	1,000.70
Coggeshall, Maxfield & Co.	7.63
T. W. Croacher	.50
DeWolf & Vincent	19.68
William G. Hayden	1.06
Hillman, Washburn & Co.	.60
Household Furnishing Co.	5.00
Kern & Wright	16.48
John N. Morris	25.60
Mosher & Andrews	101.81
N. B. Rubber Co.	26.50
Charles S. Paisler	10.40
E. F. Penney	10.37
C. G. & G. A. Randall	18.13
George D. Richards	.90
Thomas G. Wing	16.00
	\$1,400.86

Labor and nursing:—

Nettie Beaujor	\$85.15
George Brown	689.50
Manuel Brown	277.74
Mary Coyne	38.60
Robert N. B. Doane	45.75
George P. Healey	126.50
James N. Peck	11.00
Emma Richard	32.86
Isaac D. Sanipson	534.96
	\$1,822.06

Police service:—

Thomas Deane	\$10.00
N. B. Police Department	1,646.85

Physicians' fees:—

Edmund F. Cody	\$417.00
Anna W. Croacher	92.00
S. E. Donovan	20.00
A. M. Peirce	40.00
L. Forrest Potter	40.00
	\$609.00

Rents:—

Edward Burns	\$16.00
Frank E. Cote	37.84

AUDITOR'S REPORT.

Simeon Jacques	18.00
Mary Sauve	15.00
Joseph Tremblay	16.56
Joseph C. Warren	22.00

\$125.40

Miscellaneous:—

George L. Brownell, ambulance	\$210.00
E. C. Gardiner estate, horse hire	98.55
Kirby & Hicks, carriage hire	6.00
William E. Macomber, transportation	17.65
Phaneuf & Son, hay and grain	17.77
Allen Smith, jr., horse hire	24.25
So. Mass. Telephone Co., service	36.19
Napoleon Tessier, horse shoeing	1.75
Union Street Railway Co., car tickets	15.00
David Warren, carriage hire	1.00

\$428.16

To transfer to balance	\$8,702.91
	218.41
	<u>\$8,921.32</u>

CR.

By special appropriation	\$7,700.00
By transfer from unappropriated funds	1,221.32
	<u>\$8,921.32</u>

BOARD OF HEALTH, LABORATORY.

DR.

To transfer to balance	\$967.48
	<u>\$967.48</u>

CR.

December 2, 1901. By balance	\$967.48
	<u>\$967.48</u>

CEMETERY BOARD.

DR.

Pay rolls:—

Oak Grove Cemetery	\$9,272.47
Pine Grove Cemetery	681.77
Rural Cemetery	11,885.62
Office	476.00

\$22,315.86

Advertising, printing and stationery:—

E. Anthony & Sons	\$1.56
A. E. Coffin Press	275.70
Coffin Brothers	3.00
W. H. Collins & Co.	1.80
Frost & Adams Co.	2.61
W. A. Greenough & Co.	12.00
H. S. Hutchinson & Co.	10.55
Library Bureau	5.25
Mercury Publishing Co.	1.45
F. H. Purrington	35.25
Rand, McNally & Co.	7.50
Suffolk Engraving & Electrotyping Co.	91.58
Sullivan & Markey	23.00
Robert W. Taber	43.88
	\$515.13

Cinders, loam, sand and sod:—

William P. Butler	\$14.03
John Connors	142.00
Patrick Connors	67.75
David Ferguson	81.00
Highways and streets	8.50
A. W. Perkins & Co.	68.61
Sarah E. Sears	47.02
John A. Smith	40.00
Alexander A. Tripp	57.00
	\$525.91

Dressing:—

H. T. Borden	\$36.06
James Burke	205.16
George A. Cobb	5.52
John Connors	29.33
Patrick Connors	84.37
Albert S. Cox	84.15
James Duddy	169.42
Thomas Hersom & Co.	20.62
Frank Perry & Co.	114.83
Joseph F. Perry	54.57
E. L. Potter	14.50
Alexander A. Tripp	74.60
Peleg C. Wilcox	4.47
	\$897.60

AUDITOR'S REPORT.

Hardware, tools and fitting:—

William P. Butler	\$6.10
Bliss & Nye	5.50
W. C. Barker Co.	5.00
George A. Cobb	11.95
Charles R. Cornell	11.70
DeWolf & Vincent	25.11
H. L. Donaghy	78.34
T. M. Hart & Co.	38.42
N. P. Hayes	94.04
Hillman, Washburn & Co.	60.16
John R. Linton & Sons	12.50
Perry P. Jenney & Son	7.66
S. C. Lowe	37.50
C. W. H. Moulton & Co.	2.25
D. F. Murphy	6.83
National Burial Device Co.	1.12
New Bedford Rubber Co.	1.50
E. L. Potter	1.15
George W. Randall	5.60
C. R. Sherman & Son	1.96
Julius C. Sylvia	59.37
E. C. Taber	4.00
C. H. Vinal	20.00
Peleg C. Wilcox	5.25
Wood, Brightman & Co.	21.00
	\$524.01

Plants, seeds and shrubs:—

William P. Butler	.70
Clucas & Boddington Co.	5.75
Henry A. Dreer	6.50
Peter Henderson & Co.	18.61
J. Frank Kirk	26.00
R. W. Pease & Co.	3.50
Providence Seed Co.	1.20
Schelgel & Fottler Co.	1.30
James M. Thorburn & Co.	3.85
J. C. Vaughan	1.65
Denys Zirngiebel	5.00
	\$74.06

Salaries:—

Charles F. Cornell, superintendent	\$1,200.00
P. A. Macomber, clerk	936.00
Nelson L. Pike, sexton	720.00
Hurlbert E. Thomas, sexton	720.00
	\$3,576.00

Stock and labor:—

C. L. Dunham	\$10.02
D. L. Hathaway & Son	306.26
Highways and streets	54.71
James W. Hindle	72.06
S. C. Lowe	1.85
N. B. Gas & Edison Light Co.	3.65
N. B. Water Works	20.66
E. F. Penney	9.21
C. R. Sherman & Son	5.10
	\$483.52

Supplies:—

Robert W. Bartlett	\$5.00
William P. Butler	48.76
William H. Caswell	28.75
DeWolf & Vincent	20.95
Denison Brothers Co.	65.00
W. F. Desinond	107.58
David Duff & Son	18.26
George A. Eggers	16.50
N. P. Hayes	7.60
V. A. Hammett	6.34
Peter Henderson & Co.	1.10
A. H. Hewes & Co.	49.00
C. E. Higham	34.80
William M. Higham	9.40
James W. Hindle	5.45
Highways and streets	6.00
Albert W. Holmes	33.25
N. B. Ice Co.	26.06
N. B. Gas & Edison Light Co.	2.00
Charles S. Paisler	463.85
W. A. Robinson & Co.	17.40
W. F. Sturtevant	16.32
E. C. Taber	9.99
William R. West	19.78
	\$1,019.03

Miscellaneous:—

Automatic Telephone Co., service	\$65.50
Edgar K. Delano heirs, lot	50.00
D. H. DeMoranville, carting	.58
Charles A. Gray & Co., carting	3.00
Kirby & Hicks, carriage hire	6.00

AUDITOR'S REPORT.

P. A. Macomber, clerk, disbursements	137.08
Merchants National Bank, office rent	300.00
David Metthe, carriage hire	5.00
N. B. Gas & Edison Light Co., lighting	15.05
N. B. Rubber Co., mat	1.50
E. G. Reynolds, carriage hire	12.00
Sanders & Barrows Clothing Co., caps	10.25
Sherman & Perry, carriage hire	11.00
Southern Mass. Telephone Co., service	26.28
D. J. Sullivan, clock repairs	.75
Union Street Railway Co., car tickets	155.00
Union Boot and Shoe Co., rubber boots	23.00
Charles F. Wing, window shades	2.40
	\$824.39
To transfer to balance	\$30,755.51
	179.50
	<u>\$30,935.01</u>

CR.

By appropriation	\$12,000.00
By special appropriation	8,000.00
Receipts as per Treasurer's reports	10,935.01
	<u>\$30,935.01</u>

CEMETERIES, SALE OF LOTS.

DR.

Pay rolls:—

Oak Grove Cemetery	\$101.10
Pine Grove Cemetery	13.20
Rural Cemetery	106.90
	\$221.20

Dressing:—

Frank V. Andrade	\$20.75
Eugene G. Crapo	14.00
Fred M. Hammer	4.92
	\$39.67

Hardware and tools:—

Bliss & Nye	\$4.75
DeWolf & Yncient	12.45
	\$17.20

Seeds and shrubs:—

R. & J. Farquhar & Co.	\$1.60
Hiram H. Gurney & Co.	51.25
J. Frank Kirk	24.00
H. A. Jahn	12.75
R. W. Pease & Co.	3.50
George Richardson	4.00
	\$97.10

Sod:—

James Burke	\$3.00
John Connors	25.00
Patrick Connors	20.00
Sarah E. Sears	17.25
John A. Smith	98.00
Alexander A. Tripp	40.00
	\$203.25

Stock and labor:—

Silvio Caron	\$116.32
W. F. Desmond	305.77
C. L. Dunham	17.80
D. L. Hathaway & Son	223.39
Highways and streets	1,146.82
S. C. Lowe	1.60
N. B. Water Works	29.69
E. F. Penney	20.80
E. B. Swift	4.50
William R. West	5.80
Wood, Brightman & Co.	5.18
	\$1,877.67

Miscellaneous:—

Albright & Lightcap, markers	\$66.18
Bliss & Nye, pots	2.00
Richard P. Briggs, lot	35.00
Silvio Caron, stubs	42.18
DeWolf & Vincent, paint	4.50
C. L. Dunham, heating plant	350.00
C. L. Dunham, paper	3.82
C. A. Gray & Co., freight and carting	51.08
A. H. Hewes & Co., pots	33.00
C. E. Higham, alcohol and acid	19.25
P. P. Jenney & Son, settees	96.00

AUDITOR'S REPORT.

M. V. Mishler, markers	160.00
N. B. Rubber Co., hose	12.50
	<hr/>
To balance	\$875.51
	<hr/>
	\$3,381.60
	864.20
	<hr/>
	\$4,195.80

Cr.

December 2, 1901. By balance	\$239.80
Receipts as per Treasurer's reports	3,956.00
	<hr/>

Cr.

December 1, 1902. Balance	\$864.20
	<hr/>

CEMETERY FUNDS.

Cr.

December 1, 1902. By balance	\$26,734.98
	<hr/>

CITY PROPERTY.

Dr.

Advertising:—

E. Anthony & Sons	\$14.60
Mercury Publishing Co.	11.61
	<hr/>

Almshouse:—

Francis T. Akin	\$1,289.81
Robert G. Brightman	.75
T. W. Croacher	835.06
Michael Goggin	100.00
Kirby & Hicks	2.00
John N. Morris	1,654.25
John V. O'Neil	2.41

Charles S. Paisler	24.90
A. W. Perkins & Co.	7.05
Sherman & Perry	3.00

\$3,919.23

City Hall:—

F. T. Akin	\$6.59
William P. Briggs	1.60
Samuel H. Cook	100.00
DeWolf & Vincent	1.85
E. M. Durfee	.85
George E. Hatch	11.50
Highways and streets	44.79
P. P. Jenney & Son	27.34
N. B. Boiler and Mch. Co.	59.94
N. B Gas & Edison Light Co.	3.10
W. P. Peirce	150.85
E. F. Penney	39.35
R. W. Taber	1.25
James H. Warren	163.76
Wood, Brightman & Co.	.42

\$612.49

Engine Houses:—

Peter Black	\$20.09
Henry T. Bulman	408.35
L. J. Damon	276.22
M. Goggin	14.01
George E. Hatch	8 10
Johnson & Howland	13.60
L. Lloyd	5.00
J. L. G. Mason	21.99
George H. McCarthy	82.09
Edward Murphy	501.45
A. W. Perkins & Co.	269.32
John H. Ryan	35.86
B. S. Sturtevant	649.71
W. F. Sturtevant	245.05
L. R. Washburn & Son	853.13
Wm. R. West	208.02

\$3,612.08

Library Building:—

F. T. Akin	\$1.40
W. P. Briggs	4.00
C. S. & B. Cummings	.10

L. F. Demoranville	.25
DeWolf & Vincent	18.77
George W. Gay	32.89
George E. Hatch	17.10
Knight & Thomas	87.00
N. B. Boiler & Mach. Co.	45.76
N. B. Gas & Edison Light Co.	56.53
N. Y., N. H. & H. R. R. Co.	.25
W. P. Pierce	150.85
E. F. Penney	68.38
A. W. Perkins & Co.	64.51
G. W. Shaw	10.00
L. R. Washburn & Son	9.25
Wood, Brightman & Co.	4.53
	\$571.57

Police Stations:—

A. M. Davenport	\$24.92
George W. Gay	142.77
F. A. Kempton, heirs	25.00
Edward Murphy	11.05
N. B. Gas. & Edison Light Co.	5.92
John V. O'Neil	85.65
	\$295.31

School Buildings:—

Lorenzo Burge, Hayes & Co.	\$200.00
General sewers	14.70
Edward S. Haskell	9.00
Highways and streets	8.35
Kirby & Hicks	10.00
C. E. Kimball & Son	82.50
N. B. Water Works	53.32
Joseph H. Sullivan	172.00
	\$549.87

Ward Rooms:—

David Kempton, 2nd heirs	\$37.50
N. B. Gas & Edison Light Co.	6.87
E. F. Penney	3.80
B. I. Stowell	1.00
	\$49.17

Wood and Coal Yard:—

L. R. Washburn & Son	\$3.49	\$3.49
\$9,639.42		

CR.

By appropriation	\$6,500.00
By transfer from unappropriated funds	1,500.00
Transfer to balance	<u>1,639.42</u>
	<u>\$9,639.42</u>

CITY PROPERTY, PORTABLE SCHOOLS
ACCOUNT.

CR.

By special appropriation	<u>\$5,700.00</u>
	<u> </u>
December 1, 1902. Balance	<u>\$5,700.00</u>

CITY PROPERTY, SPECIAL HIGH SCHOOL
COMMITTEE.

DR.

Henry P. Jenney, committee expenses	\$20.95
December 1, 1902. To balance	1,479.05
	<u>\$1,500.00</u>

CR.

By transfer from unappropriated funds	<u>\$1,500.00</u>
	<u> </u>

CR.

December 1, 1902. By balance	<u>\$1479.05</u>
	<u> </u>

COGGESHALL STREET BRIDGE.

DR.

Pay rolls	\$16.75
Greene & Wood, lumber	\$35.65
Highways and streets, stock, labor and teaming	115.12
C. G. & G. A. Randall, timber	25.58
	<u>\$176.35</u>
To transfer to balance	\$193.10
	<u>406.90</u>
	<u>\$600.00</u>

CR.

By appropriation	\$600 00
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COGGESHALL STREET BRIDGE. REPAIRS.

CR.

By special appropriation	\$5,500 00
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CR.

December 1, 1902. Balance	\$5,500.00
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COMMONWEALTH OF MASSACHUSETTS,
CHAPTER 79, REVISED LAWS,
BURIAL OF SOLDIERS.

DR.

December 2, 1901. To balance	\$791.75
Robert G. Bennett	\$140.00
J. D. Sullivan	35.00
Weston C. Vaughan, Jr.	280.00
E. T. Wilson & Son	70.00
	<u>\$525.00</u>
	<u>\$1,316.75</u>

CR.

Receipts as per Treasurer's reports	\$945.00
December 1, 1902. Balance	<u>871.75</u>
	<u>\$1,816.75</u>

DR.

December 1, 1902. To balance	<u>\$371.75</u>
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**COMMONWEALTH OF MASSACHUSETTS,
CHAPTER 79, REVISED LAWS,
MILITARY AID.**

DR.

December 2, 1901. To balance	\$1,252.89
Disbursements by City Treasurer	<u>3,102.00</u>
	<u>\$4,354.89</u>

CR.

By appropriation	\$1,500.00
Receipts as per Treasurer's reports	1,295.23
December 1, 1902. Balance	<u>1,559.66</u>
	<u>\$4,354.89</u>

DR.

December 1, 1902. To balance	<u>\$1,559.66</u>
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**COMMONWEALTH OF MASSACHUSETTS,
CHAPTER 79, REVISED LAWS,
STATE AID.**

DR.

December 2, 1901. To balance	\$10,652.53
Disbursements by City Treasurer	<u>11,992.00</u>
	<u>\$22,644.53</u>

CR.

Receipts as per Treasurer's reports	\$11,601.50
December 1, 1902: Balance	11,043.03
	<u>\$22,644.53</u>

DR.

December 1, 1902, To balance	<u>\$11,043.03</u>
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**COMMONWEALTH OF MASSACHUSETTS,
CHAPTER 79, REVISED LAWS,
SOLDIERS' RELIEF.**

DR.

Ashley & Peirce, clothing and furnishings	\$12.02
H. A. Blackmer, hose	4.00
Boston Beef Co., groceries	573.00
C. H. Brownell & Son, groceries	170.82
Church & Hammond, medicines	.75
City Treasurer, cash disbursements	11,381.35
City of Worcester, supplies	29.00
Driscoll, Church & Hall, grocery orders	24.00
David Duff & Son, fuel	317.30
D. B. Folger, groceries	93.00
G. F. Gray, groceries	41.00
Albert W. Holmes, fuel	17.90
William H. Humphrey, groceries	6.00
Nichols & Damon, shoes	4.00
John Notter, fuel	3.00
N. Y., N. H. & H. R. R. Co., transportation	5.35
Elmer E. Robbins, M. D., services	2.00
J. F. Sullivan, M. D., services	175.50
Taunton Insane Hospital, board	87.29
D. K. Tripp, groceries	24.00
Union Boot and Shoe Co., shoes and rubbers	19.95
C. W. White, Jr., M.D., services	16.00
	<u>\$13,007.23</u>

CR.

By appropriation	\$10,000.00
By transfer from unappropriated funds	2,500.00
Transfer to balance	<u>\$507.23</u>
	<u><u>\$13,007.23</u></u>

COURT JUDGMENTS.

DR.

Lucretia Coward	\$68.03
Evelyn Davol	494.50
Timothy Donohue	2,500.00
Ellen O'Neil	242.07
Joanna M. Shea	900.00
Harriet P. Soule and others	160.00
	<u>\$4,364.60</u>

CR.

Transfer to balance	<u><u>\$4,364.60</u></u>
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DEPARTMENT OF WHARVES.

DR.

P. Black, labor	\$1.36
Joseph Donaghy, wharfinger, fees	828.90
Commissioners of Sinking Funds	1,040.00
James Duddy, cinders	6.00
Greene & Wood, timber	272.93
Highways and streets, stock, labor and teaming	7.65
Charles F. Keen, stock and labor	2.50
Joseph S. Lewis, Jr., stock and labor	27.78
John J. Meaney, stock and labor	131.65
N. B. Cordage Co., rope	9.80
N. B., M. V. & N. Steamboat Co., pipe, etc.	10.00
N. B. Gas & Edison Light Co., naptha light	11.51

AUDITOR'S REPORT.

N. B. Water Works, metered water	23.30
N. B. Water Works, service and extension	383.32
Public debt, interest	2,080.00
C. R. Sherman & Son, stock and labor	.75
John B. Sherman, stock and labor	13.86
December 1, 1902. To balance	<u>\$4,351.09</u> <u>2,649.05</u>
	<u><u>\$7,000.14</u></u>

CR.

December 2, 1901. Balance	\$259.49
Receipts as per Treasurer's reports	6,740.65

CR.

December 1, 1902. By balance	<u><u>\$2,649.05</u></u>
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ELECTIONS.

DR.

Advertising :

E. Anthony & Sons	\$374.64
Catholic Union Publishing Co.	244.25
L'Independant Publishing Co.	247.39
Mercury Publishing Co.	319.97
Times Publishing Co.	37.80

\$1,224.05

Carriage hire :

Isaac L. Ashley	\$9.00
Charles R. Cornell	12.00
E. C. Gardiner estate	6.00
Kirby & Hicks	19.50
J. Henry Peirce	3.00
W. H. & L. F. Peirce	3.00
Edward M. Peirce	6.00
E. G. Reynolds	18.00
William D. Richards	6.00
A. A. Sylvia	15.00
Sherman & Perry	11.00
David Warren	18.00

\$126.50

Clerical services :

Edwin B. Jourdain	\$10.00
George W. Parker	17.50
W. H. B. Remington	5.00
Rodolphus A. Swan	10.00
Warren P. Tobey	10.00
	\$52.50

Fitting polling places :

John W. Carter	\$16.40
Faunce & Johnson	100.45
Patrick Featherstone	24.70
A. D. Piper	11.00
A. P. Pope & Co.	56.50
	\$209.05

Fuel :

City Coal Co.	\$4.30
John Notter	2.00
John N. O'Brien	1.50
	\$7.80

Pay of precinct officers :

Municipal election	\$640.00
State election	648.00
	\$1,288.00

Printing, binding and stationery :

A. E. Coffin Press	\$129.85
W. H. Collins & Co.	26.25
W. A. Greenough & Co.	5.00
H. S. Hutchinson & Co.	5.00
Mercury Publishing Co.	917.95
Sullivan & Markey	5.25
Robert W. Taber	16.70
	\$1,106.00

Refreshments :

Albion T. Brownell	\$16.00
E. B. Sherman & Co.	22.05
F. H. Winship	18.80
	\$56.85

Rents :

L. J. Jenkins	\$50.00
Dawson & Son	25.00
David Kempton, 2nd, heirs	37.50
	\$112.50

Miscellaneous:

James T. Almy, stamps	\$1.50
Briggs & Lawrence, furniture rent	1.10
Coggeshall, Maxfield & Co., labor	.85
C. S. & B. Cummings, matches	.20
John A. Gomley, carting	51.00
N. P. Hayes, tacks	.71
Highways and streets, labor and carting	.60
N. B. Gas & Edison Light Co., labor and lighting	11.47
E. F. Penney, use of stoves	26.50
C. B. Piper, services	27.00
D. M. Piper, services	8 00
Robert S. Robson, inspection and expenses	17.50
F. R. Slocum Co., furniture rent	2.50
So. Mass. Telephone Co., service	32.05
Manuel Sylvia, carting	1.25
Charles F. Wing, furniture rent	4.63
	\$186.76
	<u>\$4,370.01</u>

CR.

By appropriation	\$4,200.00
Transfer to balance	170.01
	<u>\$4,370.01</u>

ENGINEERING DEPARTMENT.**DR.**

Pay rolls	\$7,290.25
Francis T. Akin, painting and brushes	\$16.25
A. W. Allen, stubs	3.00
A. W. Allen estate, floats	1.88
Allen's Express, service	.25
Almy & Hitch, labor	1.75
A. V. Benoit, paper	27.25
Bliss & Nye, tray	.67
Charles O. Brightman, stock and labor	268.81
F. S. Brightman Co., stationery	34.03
Buff & Buff Mfg. Co., repairs	69.05

Carter, Rice & Co., paper	43.00
Church & Hammond, sundries	1.30
A. E. Coffin Press, printing	23.75
W. H. Collins & Co., books, binding and printing	42.00
C. S. & B. Cummings, matches, paper and soap	2.57
DeWolf & Vincent, hardware	5.65
Eugene Dietzgen Co., instruments	7.04
Draper Mfg. Co., charts and pens	8.90
David Duff & Son, carting	1.00
John Duff, P. M., stamped envelopes	21.20
Engineering News Publishing Co., pocket book	5.00
Julien Friez, battery and instruments	239.50
Frost & Adams Co., books and stationery	27.74
Harriet H. Gilman, rent and lighting	755.04
Globe-Wernicke Co., card cases	18.75
T. M. Hart & Co., twine	.22
Haskell & Tripp, cloth and towels	3.60
Hatch & Co., express charges	11.03
D. L. Hathaway & Son, new case and floors	90.00
N. P. Hayes, hardware	2.40
Highways and streets, setting bound stones	10.21
H. S. Hutchinson & Co., books and stationery	7.98
Frank M. Jenkins, mantles and chimneys	2.10
J. S. Kelley & Son, clock repairs	4.50
E. V. Kendall, typewriting	5.00
Keuffel & Esser Co., instruments and stationery	12.32
Kirby & Hicks, carriage hire	14.00
Library Bureau, filing cases and cards	70.13
James E. Moody, repair of instruments, etc.	3.80
N. B. Co-Operative Express Co.; service	1.15
N. B. Gas & Edison Light Co., lighting	5.05
N. B. Ice Co., ice	38.96
N. B. Rubber Co., mat	1.50
N. B. Steam Laundry Co., washing towels	4.00
N. Y., N. H. & H. R. R. Co., freight	.25
N. Y., N. H. & H. R. R. Co., mileage books	90.00
George H. Nye, services	142.70
Packard Hardware Co., trowel	.40
Providence Ideal Ventilator Co., ventilators	12.15
Mortimer Searles, numbering machine	12.00
C. R. Sherman & Son, sundries	.50
Sherman & Perry, hacking	4.75
Southern Mass. Telephone Co., service	59.68

AUDITOR'S REPORT.

Southern Mass. Telephone Co., tolls	9.68
Spalding Print Paper Co., paper and cloth	49.45
Carl Strauss, pencil sharpener	9.00
Sullivan & Markey, binding	2.00
Robert W. Taber, office supplies and stationery	47.72
Joseph G. Tirrell, photographs	.50
U. S. Coast and Geodetic Survey, tracings	14.00
Union Street Railway Co., car tickets	200.00
Samuel Ward & Co., copying bath	4.50
W. U. Telegraph Co., service	1.59
William F. Williams, city engineer, office and travelling expenses	71.50
Charles F. Wing, shades and furnishings	38.15
Wood, Brightman & Co., gas fixtures	1.10
J. Smithson Wright, basket	1.75
Wyckoff, Seamans & Benedict, stationery	14.95
	<u>\$2,699.72</u>
To transfer to balance	<u>\$9,989.97</u>
	<u>310.03</u>
	<u>\$10,300.00</u>

CR.

By appropriation	\$10,000.00
By transfer from unappropriated funds	300.00
	<u>\$10,300.00</u>

ENGINEERING DEPARTMENT.

INVESTIGATION OF THE TIDAL CURRENTS IN THE
ACUSHNET RIVER AND CLARK'S COVE.

DR.

Pay rolls	\$113.36
Francis T. Akin, paint and brush	\$.55
Bartlett Allen, boat hire	50.00
A. W. Allen estate, wood floats	3.99
C. L. Dunham, lead weights	3.36
T. M. Hart & Co., lead and line	.74

Haskell & Tripp, cheese cloth	.20	
Kern & Wright, turpentine	.60	\$59.44
		172.80
December 1, 1902. To balance		\$1,027.20
		\$1,200.00

CR.

December 2, 1901. By balance	\$1,200.00
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CR.

December 1, 1902. Balance	\$1,027.20
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FIRE DEPARTMENT.

DR.

Salaries:

Frederick Macy, chief engineer	\$1,500.00
Edward F. Dahill, 1st assistant engineer	600.00
James J. Donaghy, 2nd assistant engineer	300.00
William E. Watson, 3rd assistant engineer	300.00
Robert Woolfenden, Jr., 4th ass't engineer	300.00
Frederick B. Macy, clerk	200.00
	\$8,200.00

Pay rolls:

Permanent men	\$42,697.41
Protecting Society	150.00
Engine Co. No. 1	\$1,619.78
" " 2	1,510.48
" " 4	1,552.35
" " 5	1,498.08
" " 6	1,795.66
" " 7	1,552.35
" " 8	1,715.03
" " 9	1,341.60
Hook and Ladder Co., No. 1	1,711.79
" " " 2	1,547.98
" " " 3	1,515.76
Hose Co. No. 2	874.98
Chemical Engine Co., No. 1	527.99
	\$18,763.83

AUDITOR'S REPORT.

Blacksmithing :

A. H. Bassett, Jr.	\$57.96
Willard B. Bennett	1.00
F. A. Bonneau	254.19
Joseph Charpentier	27.00
U. E. Collette	133.59
H. L. Donaghy	220.89
E. M. Durfee	46.95
J. B. Farrell	22.14
Fichtenmayer & Flynn	810.38
N. T. Fuller	229.47
Jonathan Handy Co.	6.90
A. E. Hathaway	188.45
J. L. Luce	106.68
E. B. Macy	66.08
R. T. Refuse	23.15
Julius C. Sylvia	46.71
	\$2,341.44

Fuel :

H. T. Borden	\$4.25
City Coal Co.	266.83
Denison Brothers Co.	603.36
John N. O'Brien	5.00
Spencer's Wood Yard	2.50
	\$881.94

Hay, grain, etc. :

George B. Ashley	\$16.69
William Baylies	1,067.72
Edwin Blossom	6.08
J. A. Bouvier	241.22
J. G. Davoll	34.80
Denison Plummer Co.	53.63
John F. Hatch	28.09
W. E. Hathaway	269.84
E. Horvitz & Son	383.80
Perry P. Jenney & Son	13.00
Charles S. Kelley	334.35
J. Frank Kirk	221.55
Mortimer McCarty	986.42
John Notter	196.95
Seth K. Peirce	21.37
Poor Department	1,211.55
Frank M. Sparrow, agent	112.00
Warren Thatcher	41.60
Samuel Wing	51.04
	\$5,291.59

Harness and repairs :

Charles E. Berry	\$44.65
George A. Bosworth	17.82
William Cronin & Co.	385.42
C. F. Cushing	37.40
DeWolf & Vincent	.25
F. A. Frates	91.95
George G. Huddy	18.08
C. N. Perkins & Co.	21.00
	\$611.57

Horse and carriage hire :

H. T. Ashley	\$22.00
Isaac L. Ashley	8.75
J. V. Bancroft	20.00
S. Desautels	20.00
James Duddy	35.50
Kirby & Hicks	2.00
Isaac H. Manchester	20.00
Mortimer McCarty	20.00
Edward M. Peirce	8.00
Timothy Sheehan	4.50
Allen Smith, Jr.	13.00
David Warren	2.00
	\$175.75

Repairs of fire stations :

F. T. Akin	\$5.76
Babbitt, Wood & Co.	92.82
W. F. Desmond	.20
C. L. Dunham	66.76
Francis W. Hammond	108.32
George E. Hatch	5.60
Highways and streets	54.43
S. C. Lowe	6.42
S. C. Lowe Supply Co.	37.80
John J. Meaney	86.12
Edward Murphy	24.64
Nelson Brothers	8.07
N. B. Gas & Edison Light Co.	10.92
E. F. Penney	20.93
John H. Ryan	7.96
John B. Sullivan & Son	8.00
Martin H. Sullivan	137.27
Charles Thompson	15.05

AUDITOR'S REPORT.

Joseph C. Warren	16.70
L. R. Washburn & Son	90.88
William R. West	4.72
	\$759.37

Supplies:

Acushnet Iron Co.	\$35.44
F. T. Akin	19.29
American Locomotive Co.	19.20
American Steel and Wire Co.	120.00
American Supply Co.	7.60
Babbitt, Wood & Co.	37.48
H. P. Babson	16.00
James E. Blake	3.92
Bliss & Nye	38.98
Briggs & Lawrence	6.00
William H. Brown	6.00
William H. Caswell	14.20
N. P. Chase	13.50
George A. Cobb	63.31
Pardon Cornell	13.00
H. T. Corson	11.45
C. S. & B. Cummings	5.38
Edward F. Dahill	4.36
DeWolf & Vincent	12.79
James S. Dick	.85
J. B. Dion	1.85
F. M. Douglass	91.45
Driscoll, Church & Hall	134.85
C. L. Dunham	17.85
D. W. Fisher & Co.	10.00
F. M. Frank Disinfecting Co.	15.00
Greene & Wood	124.11
T. M. Hart & Co.	.50
Hathaway & Co.	3.95
Hillman, Washburn & Co.	43.73
George Kirby, Jr., & Co.	15.28
Alexandre La Fontaine	8.50
C. H. & H. A. Lawton Co.	.90
Isaac H. Manchester	5.00
Moore & Dick	.85
T. J. Moriarty	27.63
Morse Twist Drill & Machine Co.	6.44
Moynan & Co.	7.50

National Sponge & Chamois Co.	59.27
N. B. Boiler & Machine Co.	130.17
N. B. Cordage Co.	7.30
N. B. Gas & Edison Light Co.	.40
N. B. Ice Co.	65.97
Packard Hardware Co.	56.23
Frank R. Pease	1.60
E. F. Penney	.75
Pettingell-Andrews Co.	27.52
Poisson Brothers	3.58
Popes Island Mfg. Co.	.51
W. A. Robinson & Co.	4.00
Ruggles & Ellison	19.36
C. R. Sherman & Son	.75
F. R. Slocum Co.	5.00
J. V. Spare Dry Goods Co.	41.17
Standard Paint Co.	5.00
Arthur H. Swift	51.00
Charles H. Tripp	10.00
Wamsutta Mills	14.00
William R. West	10.07
S. Whitlow	7.13
Charles F. Wing	73.73
Wood, Brightman & Co.	13.65
Alfred H. York	6.00
	\$1,578.30

Miscellaneous :

A. W. Allen, hook handles and poles	\$5.60
Allen's Express, charges	1.00
Almy & Hitch, decorations and flag	10.85
E. Anthony & Sons, subscriptions	48.00
Automatic Telephone Co., service	54.83
Henry K. Barnes, extinguishers	66.00
Henry K. Barnes, hose and couplings	1,471.00
John B. Baylies, chairs	9.90
F. A. Bonneau, wagon painting	45.00
D. D. Briggs, disbursements	60.90
F. S. Brightman Co., stationery	13.00
Cornelius Callahan Co., hose couplings	137.40
A. E. Coffin Press, printing	65.25
U. E. Collette, wagon painting	35.00
Walter H. Darling, steward	20.00
William L. Davis, painting	4.00

AUDITOR'S REPORT.

W. E. Decrow, alarm boxes and repairs	1,125.60
D. H. De Moranville, freight and carting	.50
H. L. Donaghy, painting wagon	21.50
Albert A. Dunlap, medicine and services	180.00
N. T. Fuller, painting wagon	72.15
General sewers, labor	33.45
Charles A. Gray & Co., freight and carting	11.72
W. A. Greenough & Co., directory	4.00
Hatch & Co., express charges	3.00
A. E. Hathaway, rent of shed	120.00
L. J. Hathaway, wagon repairs	15.65
Hayes Hose Elevator Co., hose hoists	100.00
Highways and streets, labor	7.88
A. V. Jason, building wagon	100.00
W. L. Kelley, clock	7.50
C. L. Kenyon & Co., horses	1,735.00
Frederick Macy, board of horse	300.00
Frederick Macy, chief, disbursements	116.20
Mercury Publishing Co., subscription	6.00
N. B. Boiler & Machine Co., heater	177.24
N. B. Five Cents Savings Bank. rent shed	24.00
N. B. Gas & Edison Light Co., lighting	651.74
N. B. Rubber Co., hose	8.75
N. B. Steam Carpet Beating Establishment, cleaning carpets	34.88
New Departure Mfg. Co., bell	18.00
N. J. Car Spring & Rubber Co., suction hose	36.30
E. F. Penney, oil heater	5.00
Ruggles & Ellison, flag	7.50
J. H. Shea, Jr., horse dentistry	73.00
James Slater, decorations	10.00
So. Mass. Telephone Co., service	442.66
Henry C. Stoehr & Co., whips and clippers	52.50
Sullivan & Markey, binding	5.25
Robert W. Taber, stationery and advertising	14.85
Welsbach Lighting Co., damages	8.00
Edmond L. Wilde, services	50.00
Robert Woolfenden, laundry	37.70
E. E. Wright, flag	10.00
	\$7,675.25
To transfer to balance	\$84,026.45
	197.05
	\$84,223.50

CR.

By appropriation	\$78,000.00
By special appropriation	5,500.00
Receipts as per Treasurer's reports	723.50

FOURTH OF JULY CELEBRATION.

DR.

Advertising :

E. Anthony & Son	\$111.37
Bartholo & Co.	8.00
Catholic Union Publishing Co.	52.00
Daily L'Independant	20.00
Mercury Publishing Co.	98.45
Times Publishing Co.	5.70

\$295.52

Athletic sports :

Buzzards Bay Baseball League	\$150.60
James Cawley, teaming	3.00
James Dowling, chairs	1.76
George H. Hedge, chairman, prize money	384.25
John J. Meaney, labor and stock	21.74
Edward C. Taber, sundries	.66
Henry W. Tripp, labor and stock	10.38

\$572.39

Bell ringing :

Lord Barker	\$5.00
Henri Blanchette	3.00
Judson A. Burt	3.00
W. W. Guthrie	3.00
James Hardling	9.00
E. M. L. Jackson	3.00
James D. T. Kent	3.00
E. A. Lawrence	3.00
A. R. Maxfield	3.00
John Michelson	3.00
G. L. Rau	5.00
Edward F. Robenolt	8.00

Joseph S. Spooner	3.00
J. H. Warfield	3.00
Cornelius A. Webb	3.00
William H. Weston	3.00
	\$58.00

Fireworks displays :

George W. Lobdell, agent	\$256.50
Frank R. Pease	250.00
Edward E. Wright	267.00
	\$773.50

Horse and carriage hire :

Braddock Andress	\$3.00
Isaac L. Ashley	23.00
Louis J. Bellenoit, treasurer	15.00
A. R. Caswell	10.00
Robert Cooke	4.00
Charles R. Cornell	5.00
D. H. De Moranville	10.00
Thomas J. Gifford & Co.	20.00
Kirby & Hicks	20.00
Henry Lomba	10.00
Frank Monty	5.00
C. H. Murphy & Son	5.00
F. H. Peckham	10.00
J. Henry Peirce	15.00
Joseph F. Perry	10.00
E. G. Reynolds	5.25
Sherman & Perry	45.00
Allen Smith, Jr.	10.00
A. A. Sylvia	10.00
Union Veteran Legion	25.00
Wamsutta stables	13.00
William B. Wood	10.00
B. Franklin Wordell	3.50
	\$585.75

Music :

Blackwelle's band	80.00
Gray & Sullivan	220.00
Hill's band	210.00
New Bedford band	220.00
David J. Price	3.00
Reiter's National band	220.00
Union National band	220.00
Ward Six Drum Corps	60.00
	\$1,233.00

AUDITOR'S REPORT.

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Procession prizes :

John W. Bannister	\$30.00
G. H. V. D. Cleveland	20.00
A. E. Coffin Press	35.00
L. F. De Moranville	17.50
James Duddy	17.50
French National float	72.50
Guarde Independante	20.00
H. S. Hutchinson & Co.	15.00
New Bedford Furniture Co	50.00
New Bedford post office employees	40.00
Edward F. Penney	5.00
Poisson Brothers	10.00
Portuguese National float	72.50
J. V. Spare Dry Goods Co.	75.00
St. Michael's Society Guard of Honor	15.00
Surprise Clothing Co.	100.00
White Tailoring Co.	25.00
	\$620.00

Miscellaneous :

Allen's Express, charges	\$22.00
Y. W. Ames, services	3.00
Leopold Bartel, services	15.00
Blair Sign Co., card	.75
R. G. Brightman, carting	8.00
Albion T. Brownell, dinner and luncheon	265.35
A. E. Coffin Press, printing	33.45
C. S. & B. Cummings, groceries and fruit	10.13
John W. Footman, firing salutes	65.00
Arthur W. Forbes, services and expenses	18.30
Joseph L. Gibbs, transportation militia, etc.	203.05
Harriet H. Gilman, rent and souvenirs	21.43
Francis W. Hammond, building band stands	47.85
Highways and streets, labor	9.00
Kern & Wright, cloth and labor	16.50
William G. Lamb, services	2.50
John H. Lawrence, marshal, expenses	5.74
Henry W. Mason, expenses	4.50
Mercury Publishing Co., printing	9.00
N. B. Gas & Edison Light Co., special lights	9.00
A. P. Pope, fitting and carting band stands	40.78
Walter W. Powers, services and expenses	34.71
William Read & Sons, horse equipments	90.00

AUDITOR'S REPORT.

J. Harrington Sherman, labor	8.00
Frank B. Sistare, reviewing stand	75.66
F. R. Slocum Co., furniture for prizes	80.20
The Whitehead & Hoeg Co., badges	10.00
Charles F. Wing, rent of chairs	19.27
	\$1,128.17
To transfer to balance	\$4,966.33
	33.67
	\$5,000.00

CR.

By special appropriation	\$5,000 00
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FREE PUBLIC LIBRARY.

DR.

Salaries and pay rolls:

George H. Tripp, librarian	\$2,479.13
B. W. Pennock, assistant librarian	137.50
Ethel D. Anthony, assistant	24.00
Nellie C. Devol, "	262.69
Anna M. De Wolf, "	622.50
Florence E. Farwell, "	18.00
Susie H. Gammons, "	585.00
Etta F. Lawrence, "	585.00
Emma J. Merrick, "	57.00
Josephine A. Merrick, "	585.00
Florence E. Pierce, "	567.00
Myra M. Watson, "	37.00
Clement L. Yaeger, "	703.34
Robert Allen, attendant,	312.00
William Brown, "	190.00
B. H. Humphries, "	75.00
E. H. B. Humphries, "	50.00
Richard Ames, janitor	27.00
Vorick W. Ames, "	767.00
William G. Lamb, fireman,	68.00
Joseph Birtwhistle, page,	54.00
Timothy J. Calnen, "	59.50

George P. Gifford, page	8.50
William F. Gifford, "	14.00
Harold M. Horton, "	17.50
John Hoyle, "	42.00
Clarence Leavitt, "	31.50
James McCarthy, "	182.00
Henry McCarthy, "	136.00
Michael J. Sheehan, "	63.00
Gabriel Schultz, "	150.50
	\$8,905.66
Binding :	
W. H. Collins & Co.	\$294.55
H. S. Hutchinson & Co.	264.40
Sullivan & Markey	351.05
	\$910.00
Printing :	
E. Anthony & Sons	\$347.18
A. E. Coffin Press	22.50
Mercury Publishing Co.	4.75
	\$374.43
Subscriptions :	
A. L. A. Publishing Board	.50
George L. Briggs	383.05
Cumulative Index Co.	5.00
Current History Co.	1.50
Douglas & Foulis	5.91
William H. Guild & Co.	468.78
H. S. Hutchinson & Co.	2.20
Mercury Publishing Co.	6.00
George R. Phillips	2.28
H. V. & H. W. Poor	10.00
Review of Reviews Co.	6.00
Rudder Publishing Co.	3.50
Robert W. Taber	16.00
C. D. Waldron	1.00
H. W. Wilson	3.00
	\$914.72
Miscellaneous :	
Francis T. Akin, stock and labor	\$13.33
Asa L. W. Allen, stock and labor	18.65
Blossom Brothers, blocks	12.85
Boston Book Co., books	105.00
Briggs & Lawrence, furniture repairs	15.95

AUDITOR'S REPORT.

F. S. Brightman & Co., stationery and books	9.09
T. S. Buck Co., stamp rack	2.50
City Treasurer, money orders	6.07
Coggeshall, Maxfield & Co., tins	2.50
W. H. Collins & Co., paper	17.00
Continental Brush Co., floor brush	4.30
Levi L. Crane, pens	2.65
Denison Mfg. Co., labels	5.00
C. A. Gray & Co., freight and carting	9.52
H. S. Hutchinson & Co., stationery	13.61
W. L. Kelley, badge	1.50
Library Bureau, cards, files and paper	80.17
N. B. Gas & Edison Light Co., fixtures and labor	14.95
Packard Hardware Co., step ladders	4.10
Pneumatic Hand Stamp Co., dates	1.04
Rogers Manifold & Carbon Paper Co., book	3.15
E. H. Shaw & Co., basket	.90
C. R. Sherman & Son, repairs	2.30
Smith Premier Co., typewriter and book	106.50
So. Mass. Telephone Co., service	30.00
Carl Strauss, pencil sharpener	9.00
Robert W. Taber, stationery	46.98
Union Street Railway Co., car tickets	60.00
Mary Watson, services	161.25
Charles F. Wing, furniture and shades	61.80
	\$821.68
To transfer to balance	\$11,926.47
	73.53
	<u>\$12,000.00</u>

Cr.

By appropriation	\$12,000.00
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FREE PUBLIC LIBRARY, DOG FUND.

Dr.

American Statistical Association, subscription	\$2.00
E. Anthony & Sons, paper and printing	27.50

AUDITOR'S REPORT.

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E. Anthony & Sons, subscription	6.00
H. H. Ballard, binder	5.00
F. Apollos Bradley, binders	44.65
George L. Briggs, subscriptions	23.50
W. P. Chase & Co., cutter	16.00
Coffin Brothers, paper boxes	10.50
W. H. Collins & Co., record book	10.00
J. P. Crayon, books	4.50
Arthur Cummings, services	20.00
Damrell & Upham, books	4.05
Globe-Wernicke Co., furniture and stationery	91.25
Hall, Black & Co., books	5.00
George F. Lasher, postal guide	2.50
Library Bureau, furniture and supplies	78.09
Mercury Publishing Co., subscription	6.00
New York Tribune, subscriptions	10.00
N. Y., N. H. & H. R. R. Co., freight	5.12
A. P. Pope, carpentry	18.60
Publishers Weekly, subscription	3.00
James S. Rogers, book	5.00
Stone & Downer Co., import charges	8.84
Joseph G. Tirrell, picture mounting	38.80
Union Street Railway Co., car tickets	40.00
Henry P. Willis, photographs and supplies	46.80
December 1, 1902. To balance	\$532.70
	2,162.29
	<u>\$2,694.99</u>

CR.

December 2, 1901. By balance	\$1,141.04
Receipts as per Treasurer's reports	1,553.95

CR.

December 1, 1902. Balance	\$2,162.29
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**FREE PUBLIC LIBRARY, REPAIRS AND
RENOVATION.**

DR.

Briggs & Lawrence, linoleum and labor	\$175.10
William H. Caswell, painting	279.64
Francis W. Hammond, stock and labor	69.48
N. B. Cycle & Electric Co., electric wiring	2,474.20
William E. Newman, mason work	248.37
E. F. Penney, plumbing	83.02
Charles E. Peirce, stock and labor	201.81
F. H. Sargent, work on gas fixtures	44.28
Charles F. Wing, window shades	48.45
Wood, Brightman & Co., steam fitting	8.34
	<u>\$3,622.69</u>

CR.

By special appropriation	<u>\$3,622.69</u>
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**FREE PUBLIC LIBRARY TRUSTEES,
JAMES B. CONGDON FUND.**

CR.

December 2, 1901. By balance	\$127.66
Receipts as per Treasurer's reports	30.00
	<u>\$157.66</u>

CR.

December 1, 1902. Balance	<u>\$157.66</u>
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**FREE PUBLIC LIBRARY TRUSTEES,
GEORGE O. CROCKER FUND.**

DR.

American Architect & Building News Co	\$31.50
Art Library Publishing Co.	42.00
Frederick W. Bailey	4.00
Balch Brothers Co.	24.00
C. B. Beach & Co.	9.75
T. H. Castor & Co.	6.50
Arthur H. Clark & Co.	3.19
Cupples & Schoenhof	9.05
Dedham Historical Register	1.00
Desmond Publishing Co.	115.50
Oliver Ditson Co.	25.28
William M. Emery	8.00
Egypt Exploration Fund	15.00
George A. Gardner	28.61
Goodspeed's Book Shop	12.50
E. B. Hall & Co.	31.35
F. S. Hammond	5.00
Hardy, Pratt & Co.	59.85
W. F. Harris, treasurer	5.00
Houghton, Mifflin & Co.	37.00
H. S. Hutchinson & Co.	9.00
Theodore Lazell	3.00
C. F. Libbie & Co.	30.50
George E. Littlefield	80.95
M. O. Merrill	5.00
J. B. Millette Co.	50.00
John D. Morris & Co.	30.00
George A. Morrison, Jr.	10.00
Joel Munsells' Sons	5.40
Elizabeth T. Nash	5.00
New York Genealogical and Biographical Society	35.00
Thomas P. Nichols	4.00
C. B. Perry	3.30
George H. Polly & Co.	18.00
James Rogers	5.00
Robert W. Taber	58.50

A. Walsh	2.06
John Wanamaker	29.00
Myra L. White	10.00
December 1, 1902. To balance	74.49
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	\$937.26

C.R.

December 2, 1901. By balance	\$517.26
Receipts as per Treasurer's reports	420.00
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	\$937.26

C.R.

December 1, 1902. Balance	\$74.49
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**FREE PUBLIC LIBRARY TRUSTEES,
OLIVER CROCKER FUND.**

C.R.

December 2, 1901. By balance	\$159.06
Receipts as per Treasurer's report	60.00
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	\$219.06

C.R.

December 1, 1902. Balance	\$219.06
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**FREE PUBLIC LIBRARY TRUSTEES,
GEORGE HOWLAND, JR., FUND.**

DR.

N. J. Bartlett & Co.	\$34.50
Boston Museum of Fine Arts	20.00
John W. Cadby	35.50
John Cornell	4.00

The Dante Society	5.00
W. A. De Pew	14.00
Dodd, Mead & Co.	13.50
L. R. Hammersley Co:	5.00
H. S. Hutchinson & Co.	35.25
George E. Littlefield	4.50
Preston & Rounds Co.	20.00
George D. Smith	9.00
Southern History Association	7.00
December 1, 1902. To balance	\$207.25
	222.43
	<u>\$429.68</u>

Cr.

December 2, 1901. By balance	\$383.68
Receipts as per Treasurer's reports	96.00

Cr.

December 1, 1902. Balance	\$222.43
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**FREE PUBLIC LIBRARY TRUSTEES,
SYLVIA ANN HOWLAND FUND.**

Dr.

Academy of Sciences of Philadelphia	\$5.00
J. Q. Adams & Co.	15.00
American Bible Society	14.82
Americus Law Book Co.	4.55
Antiquarian Book Store	2.25
Theodore Audell & Co.	.80
N. W. Ayer & Co.	5.00
Frederick W. Bailey	1.50
H. C. Baird & Co.	2.00
Bancroft-Whitney Co.	24.00
Bangs & Co.	75.82
W. B. Barr	2.00
N. J. Bartlett & Co.	80.90

Bates, Guild & Co.	1.00
J. H. Blanchard Co.	5.00
Richard Boardman	1.00
Book Lovers Library	62.50
Boston Normal School of Gymnastics	1.10
Boston Society of Natural History	5.00
Milton Bradley Co.	1.25
Alfred Brandt	1.25
Burnhams' Antique Book Store	2.50
Burrows Brothers Co.	58.90
John W. Cadby	3.10
N. J. Campbell & Co.	1.25
T. H. Castor & Co.	17.34
Congdon & Britnell	6.75
M. M. Cronholm	5.00
Cumulative Index Co.	4.00
Cupples & Schoenhof	114.31
Danrell & Upham	66.50
Dartmouth College	1.50
De Wolfe, Fiske & Co.	21.27
Directors of Old South Work	1.25
Dodd, Mead & Co.	27.20
Alice H. F. Dow	1.00
Myron S. Dudley	.50
Francis Edwards	3.64
Egypt Exploration Fund	17.50
Essex Publishing Co.	12.00
Ferns & Leach	1.25
George H. Freeman	1.00
Gammel Book Co.	1.25
Gas Engine Publishing Co.	2.13
Ginn & Co.	5.59
Goodspeed's Book Shop	4.85
W. A. Greenough & Co.	16.00
J. L. Hammett Co.	1.46
Harper & Brothers	34.86
Francis P. Harper	5.85
Otis Hayford	2.50
D. C. Heath & Co.	3.14
Hebrew Publishing Co.	9.05
Bruno Hessling	1.90
Honeyman & Co.	1.16
John Hopkins Press	1.39

Houghton, Mifflin & Co.	.50
George W. Humphrey	5.00
Lydia C. Hussey	.50
H. S. Hutchinson & Co.	1,002.92
Index Publishing Co.	1.50
Frank Ingraham	2.00
International Committee of the National Y. M. C. A.	1.75
Jewish Publication Society of America	1.00
E. W. Johnson	2.70
Kimball Brothers	11.60
Kingsley-Bartes & Neuner Co.	1.50
C. A. Koehler & Co.	24.27
Charles E. Lauriat Co.	246.07
C. F. Libbie & Co.	24.90
Library Bureau	1.00
Little, Brown & Co.	17.54
George E. Littlefield	17.55
A. C. McClurg & Co.	8.28
Joseph McDonough	16.00
S. F. McLean & Co.	22.51
The MacMillan Co.	5.00
Marine News Publishing Co.	5.00
Massachusetts Historical Society	6.00
Ernest C. Meyer	1.35
Samuel E. Miller	5.00
Moore & Co.	212.81
W. L. Montague & Co.	3.00
George N. Morang & Co.	3.00
W. Y. Morgan	2.50
Frederick W. Morris	4.50
Thomas B. Mosher	2.00
Joel Munsells' Sons	4.50
Richard Nagle	2.25
National Educational Association	14.00
National Temperance Society	1.00
New England Water Works Association	6.00
O. H. Oldroyd	1.00
Oxford University Press	.90
Stephen D. Peet	7.00
Perkins Book Co.	1.47
W. E. Potter	3.00
Practical Text Book Co.	2.07

Preston & Rounds Co.	3.00
Publishers' Weekly	17.25
George P. Putnam's Sons	13.05
W. C. Rivers	2.50
A. M. Robertson	1.35
Sampson, Murdock & Co.	6.00
Charles Scribner's Sons	33.14
Sibley & Ducker	15.00
John Skinner	7.50
Emily B. Smith	.40
Joseph J. Smith	7.50
Society of Arts and Crafts	.75
Soule Art Co.	5.00
Spon & Chamberlain	1.58
G. E. Stechert	43.56
Robert W. Taber	712.10
Thomas J. Taylor	9.75
Tennant & Ward	.75
Trow Directory & Book Binding Co.	7.50
Henry C. Tully & Co.	3.50
University of Chicago	1.45
F. B. Vandergift	2.64
D. Van Nostrand Co.	14.59
Edgar Weiner	5.25
James T. White & Co.	7.00
John Wiley & Sons	6.35
H. W. Wilson	6.00
W. H. Wilzius	1.75
Henry S. Wyer	2.23
December 1, 1902. To balance	\$3,411.50
	776.10
	<u>\$4,187.60</u>

CR.

December 2, 1901. By balance	\$1,186.15
Receipts as per Treasurer's reports	3,001.45

CR.

December 1, 1902. Balance	\$776.10
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AUDITOR'S REPORT.

**FREE PUBLIC LIBRARY TRUSTEES,
CHARLES W. MORGAN, FUND.**

Cr.

December 2, 1901. By balance	\$166.24
Receipts as per Treasurer's reports	60.00

Cr.

December 1, 1902. Balance	\$226.24
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**FREE PUBLIC LIBRARY TRUSTEES,
CHARLES L. WOOD FUND.**

Cr.

December 2, 1901. By balance	\$208.18
Receipts as per Treasurer's reports	80.00

Cr.

December 1, 1902. Balance	\$288.18
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**FREE PUBLIC LIBRARY TRUSTEES,
READING ROOMS FUND.**

Dr.

E. Anthony & Sons, subscriptions	\$12.00
Mrs. W. Brown, cleaning	5.00
Mercury Publishing Co., subscriptions	12.00
N. B. Gas & Edison Light Co., lighting	184.28
Charles F. Wing, furniture	16.75
December 1, 1902. To balance	\$230.03
	140.66
	\$370.69

CR.

December 2, 1901. By balance	<u>\$370.69</u>
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CR.

December 1, 1902. Balance	<u>\$140.66</u>
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HIGHWAYS AND STREETS.

DR.

Pay rolls	\$128,747.13
Crusher stone:	
John E. Akin	\$144.64
Alexander Albro	7.75
Henry C. Allen	84.48
C. M. Andrews	11.72
D. A. Anthony	25.31
Henry T. Ashley	69.92
John Ashton	37.84
Edward Auger	3.59
Henry Auger	27.18
J. V. Bancroft	17.61
Henry Bartlett	27.39
C. Beaulieu	5.96
Frank C. Bennett	65.15
J. W. Bishop & Co.	10.99
Thomas Blecha	252.00
F. A. Bonneau	5.46
George B. Borden	169.21
Gilbert Bouchard	227.03
George F. Brightman	112.35
William H. Brightman	118.77
Brosseau Brothers	73.48
C. F. Brownell	7.99
Henry T. Bulman	24.95
William Burbo	202.80
James W. Burt	31.91
Annie Caille	2.52
Cemetery Board	69.03
N. P. Chase	52.95

Abraham Chenier	1.67
George A. Cobb	59.14
George Coggeshall	23.45
Joseph Comeau	20.84
John Connell	4.15
John Connors	264.17
Patrick Connors	168.28
Eugene G. Crapo	249.25
Benjamin Dawson & Son	41.59
Dudley Davenport	25.39
Charles A. Davis	24.37
John Davignon	87.82
L. T. Davis	51.57
William B. Davis	19.18
George M. Dayton	43.98
Joseph De Gracia	141.35
Abraham Delisle	33.24
P. B. Demers	26.43
Alfred J. Denault, Jr.	9.80
Moses Denault	654.56
S. Desautels	24.47
Napoleon Dормier	27.59
James Duddy	4.12
David Duff & Son	818.43
Arthur Dumaine	54.15
William Durfee	73.44
John E. Dyer	60.00
Domingo Enos	37.09
George M. Ennis	.94
M. J. Fagundes	330.63
Henry Fateux	281.08
David Ferguson	9.15
Frank J. Fernandez	48.70
Manuel Figeret	7.00
Jack Foster	191.98
Manuel Frazier	4.47
H. J. Fredette	10.02
E. H. Gammons	166.47
Antoine Gaudreau	10.85
Charles T. W. Gifford	39.61
Dolor Goodreau	59.79
D. Goyer	260.01
Pierre Gregoire	29.53

David Grew	7.99
David Grew, Jr.	4.06
George H. Hamblly	62.60
Ella F. Hammond	15.14
Emery W. Hammond	41.56
Patrick Harding	7.57
Andrew R. Hathaway	300.15
C. E. Hathaway	18.39
Joseph S. Hathaway	4.69
John W. Hayes	47.27
John William Heys	38.82
John J. Howland	43.56
Domingo Ignace	29.21
Joseph Jacintho	7.08
Henry A. Jackson	6.16
D. J. Jarry	7.86
Andrew F. Jenks	69.66
Jenney & Buffington	4.43
Edward E. Jones	12.51
John Joneux	24.64
Arthur Joubert	.76
Thomas Kenney	12.23
Charles L. Kenyon	16.13
Harry A. Kenyon	4.67
Robert B. King	16.86
Henry Lagesse	30.43
D. Laliberte	53.77
Edward Lemeric	23.85
Frank Lemos	38.39
Samuel Lowe	.90
Manuel Luce	103.92
William H. Lynch	59.14
Charles A. Macomber	9.43
Leonard A. Macomber	100.57
William P. Macomber	4.30
Isaac H. Manchester	7.18
John W. Manchester	105.68
Manuel J. Macy	228.29
Arthur Martel	12.39
Alphonse Martin	44.99
Phillias Masse	11.79
Antonio Matthews	11.41
F. F. Matthews	11.40

Mortimer McCarty	67.87
Manuel Mendoza	32.44
Edward W. Morse	13.76
Charles H. Morton	71.43
Walter F. Mosher	39.53
Antonio D. Mota	25.93
Benjamin Negus	33.17
Charles H. Negus	47.14
Lazare Noel	235.44
Joseph Normandin	7.19
George W. Norton	92.72
F. William Oesting	18.66
P. O'Leary	21.50
J. C. Oliver, Jr.	20.89
Charles Owen	127.16
Reuben B. Peckham	17.97
Annie Perry	1.32
Frank Perry & Co.	171.63
H. F. Perry	59.69
Hannah Perry	4.44
William E. Pittsley	3.43
Charles H. Place	30.05
William H. Poole	3.84
Joseph P. Ponte	64.71
Alexis Poijoint	43.61
Frederick Puckering	43.16
Charles F. Reed	53.13
J. C. Reed	2.09
Edward Reynolds	26.48
Eugene Riendeau	29.17
Napoleon Riendeau	42.53
Oliver Rivet	1.79
Adolphe Rondeau	13.49
Prosper Rondeau	229.97
Louis Roy	68.29
Sol Roy	11.17
Jose Roza	6.05
Philip Sauville	34.44
Paul Schlais	22.93
William Shepley	19.76
H. G. Sherman	2.11
Domingo Silva	13.16
William Slight	14.96

AUDITOR'S REPORT.

H. McB. Smith	8.95
John A. Smith	1.16
Hugh J. Smythe	2.13
So. Mass. Telephone Co.	33.07
Fred Souza	176.07
Manuel Souza	11.72
Manuel P. Souza	122.57
George Spencer	17.52
Daniel A. Spooner	32.97
Daniel S. Spooner	8.11
E. S. Spooner	147.20
James L. Spooner	25.85
F. A. Stowell	3.50
John B. Sullivan	122.92
Patrick Sweeney	9.88
Joseph B. Sylvia	47.85
Joseph G. Sylvia	11.87
Joseph S. Sylvia	66.73
Manuel D. Sylvia	35.52
Manuel G. Sylvia	130.80
Manuel V. Sylvia	21.73
Arthur Tetrault	100.18
L. F. Thomas	15.05
Alexander A. Tripp	54.72
Samuel J. Tucker	37.97
John H. Upham	34.22
William O. T. Upham	18.21
Henry Vigeant	232.75
David Warren	73.33
Benjamin F. Watkins	205.73
William Watkins	1.55
Stephen V. Weaver	36.72
Augustus White	29.64
George F. Wilbur	20.52
S. A. Wilbur	14.91
Joseph Williams	64.74
Thomas Winsper	.83
William Woodhouse	11.39 \$11,922.34

Curbing and paving :

Moses Denault	\$601.59
Moses Denault, Jr.	585.26
Denault Brothers	85.85

Louis Monjeau	23.19
S. S. Paine & Brother	2,485.86
John A. Russell	9.02
John B. Sullivan & Son	6,078.11

\$9,868.68

Hardware and tools :

Ames Plow Co.	\$7.35
Atlas Tack Co.	.60
Babbitt, Wood & Co.	17.01
Bliss & Nye	2.82
Blossom Brothers	4.75
Harold L. Bond & Co.	13.36
Boston Bolt Co.	71.03
Boston & Lockport Block Co.	6.78
Boston Woven Hose & Rubber Co.	23.85
J. B. Charbonneau, Jr.	1.00
De Wolf & Vincent	198.68
Henry Disston & Sons	2.88
Driscoll, Church & Hall	7.25
Fairhaven Iron Foundry Co.	20.49
Farrel Foundry & Machine Co.	11.20
Jonathan Handy Co.	419.73
Harrisburg Foundry & Machine Co.	16.00
T. M. Hart & Co.	5.80
H. H. Harvey	229.30
George E. Hatch	5.96
N. P. Hayes	165.91
Heywood Brothers & Wakefield Co.	44.50
Hillman, Washburn & Co.	40.54
Ingersoll, Serjeant Drill Co.	140.00
Perry P. Jenney & Son	209.97
Kane & Rotch	448.15
O. S. Kelley Co.	589.40
Keuffel & Esser Co.	11.76
D. Lovejoy & Son	3.12
S. C. Lowe	327.92
S. C. Lowe Supply Co.	51.00
Menzies Street Cleaner Co.	90.00
C. W. H. Moulton Co.	54.00
N. B. Boiler & Machine Co.	10.86
N. B. Cordage Co.	102.14
E. F. Penney	2.25
Perrin, Seamans & Co.	3.60

AUDITOR'S REPORT.

Pickering Governor Co.	1.05
E. F. Reece Co.	2.55
Julian Scholl & Co.	5.40
C. R. Sherman & Son	1.10
Julius C. Sylvia	1.25
Taylor Iron & Steel Co.	245.25
Turner Specialty Co.	15.00
Wilkins Brothers	55.77
Charles F. Wing	.75
A. M. Wood Co.	166.80
Wood, Brightman & Co.	26.15
A. H. Wordell	7.22
	\$8,889.25

Labor and material :

Francis T. Akin	\$6.59
Almy & Hitch	.40
Babbitt, Wood & Co.	34.94
William P. Briggs	16.05
George A. Cobb	8.75
George E. Hatch	21.62
M. A. Hickey	2.80
Perry P. Jenney & Son	1.70
Jenney & Buffington	3.00
N. B. Boiler & Machine Co.	7.80
N. B. Gas & Edison Light Co.	3.80
J. Harrington Sherman	4.80
Frank S. Tripp	101.00
Wood, Brightman & Co.	20.42
	\$233.17

Supplies :

Francis T. Akin	\$308.50
Bates, Kirby & Co.	14.81
Beach & Treiber Co.	151.49
George B. Bordlen	53.05
H. T. Borden	2.00
Bowker Insecticide Co.	150.00
Nathan C. Bumpus	53.97
C. S. & B. Cummings	.58
Henry W. Cushman	7.88
J. C. Delano	14.88
Denison Brothers Co.	200.13
Driscoll, Church & Hall	16.83
David Duff & Son	827.53

Fairhaven Iron Foundry Co.	32.38
Frank E. Fitts Mfg. & Supply Co.	18.23
William M. Higham	7.50
W. S. Hill Electric Co.	.60
Albert W. Holmes	299.55
Kimball, Harrington & Osborne	327.53
George Kirby, Jr., & Co.	48.45
National Coal Tar Co.	1,369.00
N. B. Boiler & Machine Co.	.15
N. B. Cordage Co.	1.50
N. B. Gas & Edison Light Co.	45.00
N. B. Ice Co.	26.06
William F. Nye	12.00
S. S. Paine & Brother	642.36
A. W. Perkins & Co.	25.54
William A. Reed	60.00
Schuler Brothers	1.00
Slocum & Kilburn	34.96
Solshine Mfg. Co.	3.00
Standard Oil Co.	360.80
Arthur H. Swift	15.50
Thompson & Sweeney	.96
Warren Brothers Co.	2,099.17
William R. West	165.37
	\$7,397.66

Teaming :

Seth Alden	\$51.90
H. P. Babson	8.00
William Baylies	1,912.25
M. F. Bissonette	1.25
F. A. Bonneau	1.92
J. B. Charbonneau, Jr.	21.92
Church & Hammond	30.25
Pardon Cornell	1,682.95
William Cronin & Co.	275.75
J. G. Davoll	667.47
Denison, Plummer Co.	660.72
Henry H. Dews	104.00
Fichtemayer & Flynn	80.95
N. T. Fuller	7.05
J. N. Gage	105.15
H. B. Hamilton	15.50
T. M. Hart & Co.	4.01

AUDITOR'S REPORT.

A. E. Hathaway	433.05
L. J. Hathaway	9.65
William E. Hathaway	1,209.29
George G. Huddy	159.81
Perry P. Jenney & Son	97.51
W. A. Jenney	125.10
Charles S. Kelley	152.95
J. Frank Kirk	1,220.19
Mortimer McCarty	45.00
A. W. Perkins & Co.	4.37
John S. Perry	445.39
A. K. P. Sawin	9.00
Schuler Brothers	1.90
J. H. Shea, Jr.	80.00
Smith & Goold	6.00
Stanley Brothers	850.00
Frank E. Stevens	350.00
Julius C. Sylvia	.76
A. H. Wordell	67.25
	\$10,898.26

Miscellaneous :

A. W. Allen's estate, rolls	\$2.52
Allen's Express, charges	6.25
E. Anthony & Sons, advertising	15.36
E. Anthony & Sons, subscription	6.00
C. S. Ashley, chairman, expenses	15.00
Isaac L. Ashley, carriage hire	15 00
Automatic Telephone Co., service	12.00
George Barnes, M. D., services	85.00
Blossom Brothers, lumber	111.50
George B. Borden, posts	8.10
H. T. Borden, plank	12.00
F. S. Brightman Co., chair and desk	33.00
F. S. Brightman Co., record book and stationery	26.05
T. S. Buck Co., rubber stamp	.79
Lorenzo Burge, Hayes & Co., boiler insurance	100.00
J. M. Burgess, land rent	24.00
A. E. Coffin Press, printing	73.45
W. H. Collins & Co., labor	.25
William S. Cook, convention expenses	346.11
William S. Cook, cash for stamps	60.00

Charles R. Cornell, hacking	1.75
O. E. Covell, manager, carriage hire	40.00
Thomas W. Croacher, lumber	48.67
Department of Wharves, wharf charges	500.00
Louis F. De Moranville, freight and carting	.40
W. F. Desmond, lumber	8.38
John Duff, P. M., stamped paper	21.20
The Fairbanks Co., weigh books	2.00
Henry Fataux, dirt	233.20
Harriet H. Gilman, rent and lighting	930.82
Globe-Wernicke Co., case and cards	83.79
Greene & Wood, lumber	96.32
W. A. Greenough & Co., directories	8.00
James B. Hamlin, plank	144.06
T. M. Hart & Co., duck and twine	31.11
T. M. Hart & Co., flag	8.25
John Hastings, damages	3.69
Hastings Pavement Co., expert services	131.72
Hatch & Co., express charges	11.92
W. E. Hathaway, bagging	.60
E. Howard Clock Co., record dials	6.00
H. S. Hutchinson & Co., book and stationery	16.50
J. S. Kelley & Son, clocks	8.00
Keuffel & Esser Co., shield	28.00
Kirby & Hicks, carriage hire	217.56
C. F. Lawton, superintendent, expenses	101.40
Lorraine's Tea Store, bagging	1.83
Mercury Publishing Co., advertising	12.55
Mercury Publishing Co., printing	7.00
Municipal Journal & Engineer, subscriptions	6.00
N. B. Co-operative Express, charges	1.10
N. B. Gas & Edison Light Co., lighting	182.36
N. B. Steam Carpet Beating Establishment, cleaning	4.50
N. E. Cotton Yarn Co., rent	100.00
N. Y., N. H. & H. R. R. Co., freight	162.60
N. Y., N. H. & H. R. R. Co., mileage	20.00
L. Z. Normandin & Co., pens	1.50
Willard Nye, stone	1.40
John N. O'Brien, sealing	1.83
A. M. Pierce, M. D., services	42.00
A. D. Piper, washing towels	6.40
C. B. Piper, cleaning	6.40

P. S. Poole, gravel and labor	123.96
Charles A. Pratt, M. D., services	8.00
Providence Ideal Ventilator Co., ventilators	14.17
Joseph G. Rainville, gravel	5.52
C. G. & G. A. Randall, lumber	107.89
Ruggles & Ellison, towels	3.00
Sanders & Barrows Clothing Co., uniforms	14.75
Schuler Brothers, rubber boots	9.00
Mortimer Searles, rubber stamp	.15
James L. Sherman, lumber	1.96
Sherman & Perry, carriage hire	7.50
F. R. Slocum Co., chair	15.00
A. P. Smith, land rent	100.00
George Snow, storage	5.00
So. Mass. Telephone Co., service and tolls	21.20
John B. Sullivan & Son, rebate on stone	657.06
Sullivan & Markey, binding and ruling	6.50
Robert W. Taber, books and stationery	118.40
Samuel Ward Co., copy bath	4.50
David Warren, carriage hire	2.00
Warren Brothers Co., granolithic walks	5,446.92
Anne Weeks, damages	50.00
Clarence E. Westgate, labor	1.20
W. U. Telegraph Co., service	.25
Charles F. Wing, window shades	11.35
Wood, Brightman & Co., mantles and chimney	.60
Wyckoff, Seamans & Benedict, copy books	24.00
Wyckoff, Seamans & Benedict, typewriters	189.00
	\$11,113.75
To transfer to balance	\$184,070.24
	9,760.16
	<u>\$193,830.40</u>

CR.

By appropriation	\$67,500.00
By special appropriations	87,500.00
Receipts as per Treasurer's reports	38,830.40

INCIDENTALS.

DR.

Advertising:

E. Anthony & Sons	\$383.47
Catholic Union Publishing Co.	264.90
Daily L'Indépendant	28.30
L'Indépendant Publishing Co.	92.45
Mercury Publishing Co.	342.82
Times Publishing Co.	261.12
	\$1,373.06

Birth and death returns:

Isabella Arnold	.75
D. S. Belanger	7.25
Joseph A. Bernier	2.25
Charles A. Bonney, Jr.	5.00
Bertha F. Carl	3.50
L. A. Chubbuck	1.50
Charles F. Connor	3.50
Mary Cooper	2.75
Edward W. Dehn	2.00
Mary Delfina	13.00
A. Desautels	17.50
Sylvester E. Donovan	25.75
Sarah Edelstein	3.00
Mary Flitcroft	2.75
Catherine Foley	.25
J. E. Fortin	2.50
E. E. Foster	.25
Philomena Francis	.75
Mary Frates	3.75
Vital Girard	38.25
Lena Golstein	3.00
Sarah Hope	1.25
Barker C. Howland	1.25
Charles R. Hunt	4.75
Jane A. Kidd	1.00
A. P. Lagasse	21.50
D. B. Leonard, canvass	425.00
M. H. Leonard	37.50
Margaret Mann	1.50
John E. Moriarty	10.25

T. J. Murphy	9.75
W. J. Nickerson	1.00
Alphonse Normandin	23.50
Louis Z. Normandin	72.00
Ubalde Paquin	.50
A. Martin Peirce	3.00
Joao C. da S. Pitta	6.25
J. C. Pothier	9.25
William G. Potter	2.00
Charles A. Pratt	6.50
F. H. Robinson	1.00
John Rogers	32.50
W. P. Safford	.75
J. C. Shaw	3.25
Sarah Simiansky	2.25
Simon Simiansky, 2nd	1.25
Ada I. Spade	.50
J. D. Sullivan	14.00
William N. Swift	2.00
John V. Thuot	37.50
Irving N. Tilden	1.50
Weston C. Vaughan, Jr.	39.50
Amos P. Webber	8.00
Helen W. Webster	15.75
J. Frank Weeks	8.00
Joseph S. Williams	49.50
	\$989.25

Carriage hire :

Isaac L. Ashley	\$42.50
S. Desautels	4.00
Kirby & Hicks	180.50
S. F. Perry & Son	4.00
Sherman & Perry	70.50
David Warren	40.00
Wamsutta Stables	381.00
	\$722.50

Clerical services :

William J. Abrams	\$107.50
Emma M. Almy	5.00
Susan E. R. Butts	50.00
George H. Freeman	219.00
John H. Finnell	107.50
William J. Glasgow	50.00

Elizabeth B. Hathaway	532.00
Henry T. Healy	45.00
William T. Loughlin	45.00
Roland A. Leonard	165.00
Walter P. Morton	256.50
Florence A. Murphy	780.00
Walter R. Myrick	25.00
John A. O'Keefe	30.00
George W. Parker	945.00
Joseph J. Pfaffenzeller	47.50
Edmund A. Reed	915.00
Ada C. Sherman	147.50
Patience J. Sherman	253.57
Ruth S. Sherman	1,036.00
Arthur C. Spooner	936.00
Edwin L. Tillinghast	1,026.00
William B. Topham	502.50
George R. Young	2.00
	\$8,228.57

Damages and legal expenses:

Benjamin B. Barney	\$329.59
Ada C. Campbell	133.00
Walter Clifford	100.00
Thomas F. Desmond	11,587.50
Joseph Duprey	250.00
Lemuel LeB. Holmes	425.00
George W. Horton	5.60
John B. Oliver	100.00
George B. Richmond	9.90
	\$12,940.59

Delivery of tax bills and summons:

William J. Abrams	\$17.50
William S. Cushing	12.50
George R. Deane	13.75
George England	12.50
Edward Finkelstein	20.00
John H. Finnell	60.00
Edward B. Gray	17.50
Henry T. Healy	15.00
Roland A. Leonard	17.50
Walter R. Myrick	15.00
Joseph J. Pfaffenzeller	17.50
Joseph A. Place	15.00

Henry C. Russell	20.00
Manuel J. Senna	25.00
Daniel S. Sullivan	12.50
Stanley W. Wood	17.50
	\$308.75

Fuel:

Merton B. Ashley	\$18.00
City Coal Co.	400.25
Denison Brothers Co.	200.00
	\$618.25

Janitors and watchmen:

Wilfred Dupuis	\$46.00
Alexander Felton	3.84
Clarence G. Lamb	28.00
William G. Lamb	780.00
Joseph Mather	728.00
Cornelius B. Piper	207.00
David M. Piper	710.40
Walter Pell	28.00
	\$2,530.74

Janitor supplies:

William H. Brown	\$3.25
Chadwick & Co.	2.40
Church & Hammond	5.65
C. S. & B. Cummings	.50
Frank M. Douglass	1.00
Thomas Hersom & Co.	.21
N. B. Ice Co.	106.05
George D. Richards	61.25
	\$180.31

Newspapers and periodicals:

E. Anthony & Sons	\$42.00
Boston Daily Advertiser	6.00
George L. Briggs	17.34
J. S. Daggett	1.00
Mercury Publishing Co.	36 00
Municipal Journal and Engineer	6.00
	\$108.34

Personal and special services:

Board of Assessors	\$75.00
John F. Borden	3.50
Philip H. King	103.50
Charles F. Lawton	100.00

Daniel B. Leonard	4.00
Arthur T. Lovell	5.00
Henry T. Phillips	15.00
A. D. Piper	5.00
David M. Piper	31.25
Frank Smith	66.00
William B. Topham	45.00
Henry F. West	26.00
	\$479.25

Rents :

Bates & Kirby	\$180.00
Harriet H. Gilman	541.25
Merchants National Bank	310.04
N. Y., N. H. & H. R. R. Co.	200.00
North Congregational Church	60.00
Wilcox & Richmond Wharf Co.	100.00
	\$1,391.29

Stock and labor :

George J. Allen	\$46.44
Almy & Hitch	5.25
William P. Briggs	10.20
A. P. Pope & Co.	93.28
F. H. Sargent	2.00
	\$157.17

Miscellaneous :

J. Q. Adams & Co., dictionary	\$16.00
Edwin Allen, express	2.45
James T. Almy, badges	100.00
C. S. Ashley, mayor, committee and travelling expenses	420.00
D. C. Ashley, inspector, allowance	300.00
D. C. Ashley, fitting office	23.10
Automatic Telephone Co., rentals	66.00
William A. Baker, committing truants	19.73
J. V. Bancroft, sprinkling	414.00
Clifford Baylies, machine repairs	2.00
Bliss & Nye, sundries	7.08
Bliss & Nye, fire set	8.65
John F. Borden, moving safe, etc.	14.18
E. J. Brandt-Dent Co., automatic cashier	60.00
George L. Briggs, valve	.25
Briggs & Lawrence, furniture and repairs	12.40
Charles O. Brightman, case for maps	55.00

AUDITOR'S REPORT.

F. S. Brightman Co., typewriter	110.50
Bristol County, board of truants	514.60
Bristol County House of Correction, board	5.46
Albion T. Brownell, entertainment	52.05
T. S. Buck & Co., rubber stamps	9.42
Thomas J. Cashman, gas lighter	2.00
Chace & Hirst, tin boxes	11.25
City Clerk, office expenses	277.65
City Treasurer, office expenses	30.61
Charles H. Cragen, use of boat	52.00
De Wolf & Vincent, steps and shears	4.40
Andrew P. Doyle, alderman, committee expenses	49.70
John Duff, P. M., stamped paper	193.40
C. L. Dunham, tools	3.85
George Evans, labor	2.13
Paul Gagne, teaming	85.50
George G. Hall, entertainment of committees	27.60
Handy Telephone Index Co., indexes	4.00
Hatch & Co., express	5.10
C. R. Hathaway, expenses	23.60
N. P. Hayes, punch	.50
A. L. Hazzard, repairs	.50
George H. Hedge, alderman, committee expenses	12.23
Highways and streets, trimming trees	480.80
Household Furnishing Co., oil cloth	9.35
Ellis L. Howland, typewriter supplies	.95
James F. Hoye, fidelity bonds	302.00
Perry P. Jenney & Son, screen door	4.27
William L. Kelley, clock repairs	4.00
League of American Municipalities, dues	40.00
Henry A. Leonard, services	100.00
Lively & Russell, check safety	30.00
Thomas H. McCarthy, pens	5.25
A. D. McMullen, carting	3.50
Mechanics National Bank, charges	15.55
Mercury Publishing Co., printing briefs	125.53
National Shawmut Bank, charges	15.00
N. B. Co-operative Express, charges	27.90
N. B. Gas & Edison Light Co., lighting	3,974.95
N. B. Gas & Edison Light Co., repairs	.95
N. B. Steam Carpet Beating Establishment, cleaning carpets	6.16

N. Y., N. H. & H. R. R. Co., mileage books	240.00
Novelty Drapery Co., window shades	2.00
John N. O'Brien, teaming	273.00
Packard Hardware Co., shears	1.00
Fred W. Palmer, gas burners	2.00
D. L. Parker, P. M., stamped paper	72.80
William P. Peirce, plant decorations	26.00
A. D. Piper, laundry	52.25
A. D. Piper, care of mayor's office	48.00
D. M. Piper, care of City Hall	12.50
Pneumatic Hand Stamp Co., rubber stamps	13.11
Postal Telegraph & Cable Co., service	2.87
A. H. Saunders, rubber stamps and supplies	3.50
Mortimer Searles, rubber stamps and cleaning	.90
Sewer tax, Merrimac street sewer	68.07
Sewer tax, Penniman street sewer	143.03
James Slater, flag decorations	250.00
F. R. Slocum Co., furniture and repairs	26.10
Henry Smith, committing truants	12.35
So. Mass. Telephone Co., service and tolls	730.07
Carl Strauss, pencil sharpeners	45.00
D. J. Sullivan, clock repairs	1.00
Manuel Sylvia, carting	7.25
Robert W. Taber, stationery	.95
R. R. Topham, card index	5.00
Union Street Railway Co.	115.00
Wamsutta Club, entertainment	22.80
W. U. Telegraph Co., telegrams	2.40
W. U. Telegraph Co., sounder service	25.00
Lila M. Wiggins, cleaning	5.00
Charles F. Wing, window cord	.16
Wood, Brightman & Co., mantles and files	3.00
Wyckoff, Seamans & Benedict, cabinet	23.75
Yale & Towne Mfg. Co., care time lock	15.00
	\$10,389.16
	<hr/>
	\$40,417.23

CR.

By appropriation	\$40,000.00
Receipts as per Treasurer's reports	20.00
By transfer to balance	397.23
	<hr/>
	\$40,417.23

INCIDENTALS—MEMORIAL DAY.

DR.

Acushnet Iron Co., stubs	\$6.00
E. Anthony & Sons, advertising	62.76
A. R. Caswell, barges	20.00
Cumberland Naval Veterans Association	50.00
John A. Gomley, barges	15.00
John N. Hammond, moss	9.80
A. B. Hathaway, filling baskets	24.00
High School Cadet Drum Corps, services	21.00
Hill's Band, services	84.00
Kirby & Hicks, carriage hire	30.00
A. D. McMullen, carting and barge	12.00
Mercury Publishing Co., advertising and printing	82.92
C. H. Murphy, carriage hire	20.00
New Bedford Band, services	110.00
E. L. Peckham, carting	10.00
Alexander O. Peirce, painting	52.58
David J. Price, services	5.00
Reiter's National Band, services	110.00
Sherman & Perry, carriage hire	7.00
Robert R. Topham, services	2.50
Union Street Railway Co., special cars	25.00
Union Veteran Legion, No. 10	50.00
William H. Wilcox, services	8.55
Edward E. Wright, flags	32.00
To transfer to balance	.09
	<hr/>
	\$849.91
	.09
	<hr/>
	\$850.00

CR.

By transfer from unappropriated funds	<hr/> \$850.00
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LAND DAMAGES, WIDENING ACUSHNET AVENUE FROM HOWARD AVENUE TO LUND'S CORNER, NO. 4.

DR.

Pay rolls	\$788.57
A. W. Allen, lumber and milling	\$17.23
General sewers, stock, labor and teaming	57.03
George E. Hatch, old lead	2.00
Highways and streets, stock, labor and teaming	564.20
D. F. Murphy, blacksmithing	6.13
N. B. Boiler & Machine Co., pipe and cutting	.92
Charles G. Taber, iron work	1.75
E. C. Taber, grass seed	12.40
Mrs. John G. Whalon, dirt	11.60
	<u>\$673.26</u>
December 1, 1902. To balance	<u>\$1,461.83</u>
	<u>1,582.92</u>
	<u>\$3,044.75</u>

CR.

December 2, 1901,. By balance	<u>\$3,044.75</u>
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CR.

December 1, 1902. Balance	<u>\$1,582.92</u>
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LAND DAMAGES, LAYOUT OF CHANCERY STREET, FROM SYCAMORE STREET TO SMITH STREET.

DR.

Sarah C. Johnson	\$200 00
Francis R. Slocum	798.80

CR.

By special appropriation	<u>\$998.80</u>
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**LAND DAMAGES, LAYOUT OF LINDEN COURT
TO AUSTIN STREET.**

DR.

Stanislaus Desautels	\$1,200.00
December 1, 1902. To balance	300.00
	<u>\$1,500.00</u>

CR.

By special appropriation	<u>\$1,500.00</u>
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CR.

December 1, 1902. By balance	<u>\$300.00</u>
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**LAND DAMAGES, REYNOLDS STREET, FROM
PECKHAM STREET TO ADAMS STREET.**

CR.

By transfer from unappropriated funds	<u>\$600.00</u>
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CR.

December 1, 1902. By balance	<u>\$600.00</u>
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LICENSE COMMISSION.

CR.

E. Anthony & Sons, advertising	\$74.20
Isaac L. Ashley, carriage hire	1.50
F. S. Brightman Co., record book	10.00
A. E. Coffin Press, Printing	12.00
W. A. Greenough & Co., directory	4.00

H. S. Hutchinson & Co., law books	6.50
I. B. Maxfield, clerical services	312.00
Mercury Publishing Co., advertising	49.46
Mercury Publishing Co., printing	76.85
Mercury Publishing Co., subscription	6.00
C. H. Murphy, carriage hire	22.00
Sherman & Perry, carriage hire	7.50
F. M. Sparrow, chairman, expenses	10.40
Sullivan & Markey, ruling	1.50
To transfer to balance	<u>406.09</u>
	<u>\$593.91</u>
	<u>\$1,000.00</u>

CR.

By appropriation	<u>\$1,000.00</u>
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LIGHTING THE STREETS.

DR.

Acushnet Iron Co., posts	<u>\$408.00</u>
Globe Gas Light Co., naptha lights	<u>5,616.59</u>
Highways and streets, labor and teaming	<u>95.85</u>
Kirby & Hicks, carriage hire	<u>2.00</u>
David Metthe, carriage hire	<u>29.00</u>
N. B. Gas & Edison Light Co., electric arc lights	<u>21,047.27</u>
N. B. Gas & Edison Light Co., electric incandescent lights	<u>1,613.23</u>
N. B. Gas & Edison Light Co., gas lights	<u>18,574.65</u>
N. B. Gas & Edison Light Co., naptha lights	<u>9,324.40</u>
N. B. Gas & Edison Light Co., labor installing	<u>196.20</u>
Sherman & Perry, carriage hire	<u>3.00</u>
To transfer to balance	<u>3,226.51</u>
	<u>\$60,136.50</u>

CR.

By appropriation.	<u>\$60,000.00</u>
Receipts as per Treasurer's reports	<u>136.50</u>

**NEW BEDFORD SCHOOL COMMITTEE.
HOWLAND FUND.**

DR.

Asa L. H. Allen	\$8.00
American Book Co.	293.89
Edward E. Babb & Co.	53.53
Earle Barnes	1.50
Boston School Supply Co.	1.92
P. P. Caproni	86.37
T. H. Castor & Co.	8.40
The Century Co.	20.00
C. E. Cobb & Co.	17.00
J. B. Colt & Co.	125.40
William T. Comstock	3.20
A. B. Crowell	182.05
Oliver Ditson Co.	.90
M. E. Donovan	1.50
Educational Publishing Co.	46.59
The Educational Review	3.00
Charles P. Emerson	2.00
Fords, Howard & Hurlbut	25.00
Foster Brothers	27.00
Ginn & Co.	206.06
J. W. Grenniaux	2.55
J. L. Hammett Co.	3.60
Haskell & Tripp	7.59
D. C. Heath & Co.	78.11
Hillman, Washburn & Co.	15.62
Holmes Science Publishing Co.	4.27
Houghton, Mifflin & Co.	154.27
C. S. Huntley & Co.	12.50
H. S. Hutchinson & Co.	24.43
C. F. Johnson	16.50
Journal of Pedagogy	1.60
Charles A. Kent	.50
Lee & Shepard	6.84
Longmans, Green & Co.	111.31
Perry Mason & Co.	91.38
Samuel E. Miller	5.00
The Morse Co.	23.25
New England Publishing Co.	2.50

AUDITOR'S REPORT.

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Philo C. Nye	3.00
George Peirce	116.50
W. H. Pierce & Co.	44.00
Ruggles & Ellison	23.16
B. H. Sanborn & Co.	8.47
Charles Scribner's Sons	2.50
R. A. Sherman & Son	5.91
Silver, Burdett & Co.	96.18
Willard Small	.95
Sullivan & Markey	27.78
R. W. Taber	12.10
Teachers' College Record	2.80
Ada W. Tillinghast	32.50
William C. Tomlins	40.00
Werner School Book Co.	6.00
J. Smithson Wright	2.10
December 1, 1902. To balance	\$2,099.08
	1,531.68
	<u>\$3,630.76</u>

CR.

December 2, 1901. By balance	\$630.76
Receipts as per Traasurer's reports	3,000.00

CR.

December 1, 1902. By balance	\$1,531.68
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NEW BEDFORD SCHOOL COMMITTEE.
JONATHAN BOURNE PRIZE FUND.

DR.

William E. Hatch Superintendent, cash for prizes	\$60.00
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CR.

Receipts as per Treasurer's reports	\$60.00
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AUDITOR'S REPORT.

NEW BEDFORD WATER WORKS.

DR.

To expenditures as certified by the New	
Bedford Water Board	\$134,952.02
December 1, 1902. To balance	2,0584.46
	<u>\$155,536.48</u>

CR.

December 2, 1901. By balance	\$11,368.74
By appropriation	12,000.00
Receipts as per Treasurer's reports	132,167.74
	<u>\$155,536.48</u>

CR.

December 1, 1902. By balance	\$20,584.46
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NEW BEDFORD WATER WORKS,—FURTHER
WATER SUPPLY.

DR.

To expenditures as certified by the New Bed-	
ford Water Board	\$143 74
December 1, 1902. To balance	3,178 40
	<u>\$3,322.14</u>

CR.

December 2, 1901. By balance	\$3,322.14
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CR.

December 1, 1902. By balance	\$3,178.40
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PARK COMMISSION.

DR.

Pay rolls		\$22,677.69
Animal supplies :		
Albert C. Braley	\$10.05	
Braley & Brownell	1.75	
J. G. Davoll	2.52	
H. J. Fredette	263.98	
Lawrence & Davis	36.25	
John Notter	386.17	
I. C. Sherman & Son	160.54	
E. C. Taber	388.30	
W. H. Winslow	36.90	\$1,286.48
Dressing :		
Louis Choquette	\$9.00	
Patrick Connors	44.00	
H. P. Dion	14.76	
H. J. Fredette	8.31	
J. C. Haskins	4.03	
Thomas Hersom & Co.	67.50	
Highways and streets	183.50	
William Kenney	73.00	\$404.10
Hardware and tools :		
George W. Bennett	\$15.24	
Bliss & Nye	24.64	
William P. Butler	57.42	
De Wolf & Vincent	250.42	
H. L. Donaghy	8.80	
Samuel Gratto	1.25	
N. P. Hayes	174.26	
Peter Henderson & Co.	15.00	
Hillman, Washburn & Co.	105.90	
Perry P. Jenney & Son	7.80	
N. B. Cordage Co.	45.44	
Page Woven Wire Fence Co.	28.05	
Julius C. Sylvia	3.73	
E. C. Taber	2.30	
E. C. Ware	97.79	\$838.04

Labor and material :

P. Black	\$58.93
Blossom Brothers	4.75
Charles O. Brightman	286.57
William H. Caswell	44.53
Samuel R. Clark	106.94
J. Herbert Davis	1.20
William F. Desmond	2.13
George E. Hatch	140.31
M. A. Hickey	836.80
Highways and streets	6,594.95
H. S. Hutchinson & Co.	60.56
John L. G. Mason	20.26
John J. Meaney	2,549.26
T. J. Moriarty	39.10
Edward Murphy	592.05
N. B. Water Works	508.18
A. W. Perkins & Co.	19.00
H. McB. Smith	8.26
B. S. Sturtevant	742.83
William F. Sturtevant	8.30
Wood, Brightman & Co.	2.45
R. H. Woodhouse	50.00
	\$12,677.31

Plants, seeds and shrubs :

William S. Brown	\$257.37
Dippe Brothers	18.87
Edward Gillett	4.00
R. & J. Farquhar & Co.	1.00
Peter Henduson & Co.	15.52
William P. Peirce	9.00
Frederick Roemer	7.96
E. C. Taber	4.50
J. M. Thorburn & Co.	38.65
M. H. Walsh	35.75
	\$392.62

Supplies :

James E. Blake	\$4.82
Albert C. Braley	5.60
Braley & Brownell	30.26
Bowker Insecicide Co.	15.00
William H. Caswell	11.44
William H. Chappell estate	1.30

A. E. Coffin Press	4.85
C. S. & B. Cummings	32.50
William F. Desmond	57.23
Frank M. Douglass	25.00
David Duff & Son	100.50
William M. Higham	3.40
H. S. Hutchinson & Co.	2.30
India Alkali Works	6.50
T. J. Moriarty	53.19
S. S. Paine & Brother	\$3.36
Charles S. Paisler	22.10
A. W. Perkins & Co.	.75
C. G. & G. A. Randall	2 35
E. C. Taber	6 86
Robert W. Taber	4.95
Wood, Brightman & Co.	2.52
	476.28

Miscellaneous :

E. Anthony & Sons, printing	\$48.15
Isaac L. Ashley, carriage hire	31.75
J. V. Bancroft, sprinkling	112.00
William Bartels, elk	125.00
Belmont Iron Works, settees	399.00
Clara Bennett, rent	240.00
Blair Sign Co., signs	89.25
Bliss & Nye, wall paper	24.17
Joseph Breck & Sons, dishes	2.00
Briggs & Lawrence, furnishings	8.00
Cemetery Board, labor	120.04
J. F. Chipman, keeper, disbursements	6.55
Frederic B. Cook, services	36.00
Patrick Connors, screenings	153.00
Frank O. Covel, services	3.00
Patrick Connors, teaming	604.87
C. F. Cushing, bear collars	2.75
Henry H. Dews, services	3.00
David Duff & Son, carting	40.00
Fairfield Lawn Swing Co., swings	216.00
M. Abbott Frazar, taxidermy	3.50
Charles A. Gray & Co., freight and carting	55.86
W. A. Greenough & Co., directory	4 00
Hatch & Co., express	60.65
A. H. Hews & Co., pots	8.50

AUDITOR'S REPORT.

John J. Howland, chairman, disbursements	47.65
H. S. Hutchinson & Co., books	6.50
Henry F. Jenks, drinking fountains	180.00
William L. Kelley, badges	9.50
Wilton Lockwood, fancy ducks	178.00
Manning Brothers expert services,	59.25
Masonic Building Association, rent	250.00
Mercury Publishing Co., advertising	3.40
Mercury Publishing Co., printing	460.71
Mercury Publishing Co., subscription	6.00
N. B. Monumental Works, bases	6.00
N. B. Gas & Edison Light Co., lighting	432.84
N. B. Product Co., services	7.00
N. B. Steam Carpet Beating est., cleaning	1.52
N. Y., N. H. & H. R. R. Co., freight	76.09
A. W. Perkins & Co., carting	10.50
Phoenix Iron Works, merry-go-round	275.00
H. B. Remington, teaming	129.37
George D. Richards, sporting goods	45.00
A. K. P. Swain, moving building	30.00
Clifford P. Sherman, legal services	15.00
James Slater, flags	30.50
So. Mass. Telephone Co., service	39.55
Manuel Sylvia, carting	8.00
Union Street Railway Co., car tickets	50.00
William R. West, sign	1.25
	<u>\$4,750.67</u>
To transfer to balance	<u>\$48,503.17</u>
	<u>26.59</u>
	<u><u>\$43,529.76</u></u>

CR.

By appropriation	\$25,000.00
By special apprpriation	18,000.00
Receipts as per Treasurer's reports	529.76

**PARKER STREET SCHOOL,
ADDITIONS AND ALTERATIONS.**

DR.

John B. Sullivan & Son, contractors	\$29,270.40
December 1, 1902. To balance	<u>\$1,067.60</u>
	<u>\$30,338.00</u>

CR.

By special appropriation	<u>\$30,338.00</u>
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CR.

December 1, 1902. Balance	<u>\$1,067.60</u>
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**PARKER STREET SCHOOL,
HEATING AND VENTILATING.**

DR.

A. A. Sanborn, contractor	\$4,612.00
December 1, 1902. To Balance	<u>\$1,153.00</u>
	<u>\$5,765 00</u>

CR.

By special appropriation	<u>\$5,765.00</u>
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CR.

December 1, 1902. Balance	<u>\$1,153.00</u>
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**PARKER STREET SCHOOL,
PLANS AND SPECIFICATIONS.**

Samuel C. Hunt, architect	<u>\$1,263.61</u>
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CR.

By special appropriation	<u>\$1,263.61</u>
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PARKER STREET SCHOOL, REFURNISHING.

DR.

Allen Shade Holder Co.	\$154.89
George A. Bosworth	170.26
Thomas Holloway	20.60
William A. Jennings	17.25
Jordan, Marsh Co.	25.00
N. B. Gas & Edison Light Co.	517.83
N. B. Boiler & Machine Co.	26.09
William R. West	100.75
Charles F. Wing	87.00
December 1, 1902. To balance	\$1,119.67 2,380.33 ----- \$3,500.00

CR.

By special appropriation	\$3,500.00
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CR.

December 1, 1902. Balance	\$2,380.33
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PINGREE PLAN, FOR THE BENEFIT OF THE POOR AND UNEMPLOYED.

DR.

Fertilizers:

Lawrence & Davis	\$91.00
A. H. Wordell	125.55

Land rent:

Lou Snow, trustee	\$147.03
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Plants and seeds:

Lawrence & Davis	\$57.40
C. H. & H. A. Lawton Co.	64.20
A. H. Wordell	111.60

AUDITOR'S REPORT.

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Plowing and harrowing :

Isaac H. Manchester	\$12.00
A. W. Perkins & Co.	56.25
	<u>\$68.25</u>

Miscellaneous :

E. Anthony & Sons, advertising	\$2.37
William F. Chase, superintendence	500.00
Mercury Publishing Co., advertising	3.90
R. W. Taber, memorandum books	7.60
	<u>\$518.87</u>

To transfer to balance	\$1,178.90
	21.10
	<u>\$1,200.00</u>

Cr.

By appropriation	<u>\$1,200.00</u>
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PLANS AND SPECIFICATIONS FOR NEW
SCHOOL BUILDINGS.

Dr.

Samuel C. Hunt, architect	\$2,275.57
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Cr.

By transfer from unappropriated funds	\$2,275.57
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POLICE DEPARTMENT.

Dr.

Pay rolls :

Officers, patrolmen, housekeepers, etc.	\$105,608.60
Quarantine police	1,566.65
Reserve police	1,964.60
Special police	653.20
	<u>4,184.45</u>

Committing prisoners:

Lemuel D. Adams	161.38
Andrew J. Smith	2.50
Willis C. Underwood	2.90
James A. Wixon	12.24

179.02

Fuel:

Franklin J. Chase	61.00
City Coal Co.	325.83
Denison Brothers Co.	55.00
George P. Grant	2.00
A. C. Shattuck	26.06

469.89

Personal services:

George Barnes, M. D.	5.00
William E. Brownell, M. D.	4.20
Charles F. Connor, M. D.	5.00
Edward W. Dehn, M. D.	5.00
Manuel F. George, Jr., boatman	536.00
Garry De N. Hough, M. D.	4.00
William J. Nickerson, M. D.	5.00
Joseph P. St. Germain, M. D.	4.20
Emanuel Sullavou	100.00
James F. Sullivan, M. D.	5.00
Amos P. Webber, M. D.	8.00
Henry N. West, clerk	780.00
James L. Wilber, keeper of lockup	100.00

1,561.40

Police signal system:

H. T. Allen	\$29.50
American Steel & Wire Co.	90.00
William Baylies	141.74
George S. Bowen	113.70
D. D. Briggs	8.96
William G. Brown	12.00
Joseph T. Brownell	15.45
W. D. Brun	12.25
William Cronin & Co.	121.62
J. G. Davoll	25.05
W. E. Decrow	123.44
D. H. & C. A. De Moranville	2.00
Henry H. Dews	2.00
N. T. Fuller	14.55

Mitch H. Gagner	71.70
Perry P. Jenney & Son	15.00
J. Frank Kirk	102.40
Clarence Lowell	71.35
A. J. Manchester	53.15
William F. Nye	1.80
C. L. Shaw	13.25
Samuel Whitlow	9.80
A. H. Wordell	5.85
	\$1,056.06

Stock and labor :

Babbitt, Wood & Co.	.24
William P. Briggs	4.50
William H. Caswell	266.00
Coggeshall, Maxfield & Co.	74.74
T. M. Hart & Co.	175.47
D. L. Hathaway & Son	156.13
James G. Hellyer	1.80
Highways and streets	1.51
Perry P. Jenney & Son	90.97
L. A. Littlefield	1.50
John L. G. Mason	66.35
N. B. Boiler & Machine Co.	9.18
N. B. Gas & Edison Light Co.	8.89
The Pairpoint Corporation	9.00
E. F. Penney	41.40
C. R. Sherman & Son	7.60
Manuel E. Sylvia	395.40
E. G. Watson	31.30
Herbert L. Weeks	2.00
Wood, Brightman & Co.	53.26
	1307.14

Supplies :

Blackbird Pen Co.	1.50
Boston Beef Co.	107.82
George L. Briggs	.75
Sarah M. Brownell	108.30
D. Evans & Co.	29.00
D. B. Folger	34.10
Thomas Hersom & Co.	8.36
C. H. & H. A. Lawton Co.	15.83
C. W. Learned & Co.	32.50
George D. Richards	2.50

William D. Richards	3.42
Schuler Brothers	12.63
Arthur H. Swift	15.00
Robert W. Taber	8.00
George Thomas	73.50
Charles H. Tripp	28.80
Wood, Brightman & Co.	1.88
	\$477.89

Miscellaneous :

E. Anthony & Sons, advertising	\$3.00
Isaac L. Ashley, carriage hire	1.25
Automatic Telephone Co., service	81.75
John H. Backus, coat hooks	1.50
J. V. Bancroft, street sprinkling	51.00
Bent & Bush, insignia and badges	31.00
Bliss & Nye, sundries	11.33
A. L. Braley, punch bags	3.00
George L. Briggs, newspapers	28.75
George L. Brownell, clubs	40.30
Sarah M. Brownell, laundry	12.50
Andrew M. Bush, repairs	4.00
Thomas J. Cashman, gas lighters	4.00
City Steam Laundry, laundry	46.36
A. E. Coffin Press, printing	110.85
De Wolf & Vincent, hardware	8.05
James Duddy, carting	.70
S. A. French & Co., chains and whistles	7.50
Joseph Garrant, bicycle tire	3.00
George E. Gendron, inspector, expenses	48.40
W. A. Greenough & Co., directories	28.00
Hatch & Co., express	.45
Franklin L. Hathaway, inspector, expenses	48.80
Mary A. Henderson, cleaning	22.50
Frank Hill, cleaning	10.00
Hillman, Washburn & Co., hardware and sundries	63.38
H. S. Hutchinson & Co., books and maps	12.50
Kirby & Hicks, carriage hire	.25
Henry W. Mason, chief, disbursements	81.83
Mercury Publishing Co., advertising	9.00
Mercury Publishing Co., printing	3.00
Mercury Publishing Co., subscription	6.00
N. B. Gas & Edison Light Co., lighting	481.76

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N. B. Rubber Co., blanket	1.50
N. B. Steam Carpet Beating Est., cleaning	2.38
John O'Neil, photographs	5.00
Fred W. Palmer, gas burner.	6.00
John C. Parker, lieutenant, expenses	6.90
Edward M. Peirce, horse equipments	12.50
Mortimer Searles, rubber stamps	2.00
So. Mass. Telephone Co., service and tools	166.93
J. V. Spare Dry Goods Co., bedding and towels	22.47
D. J. Sullivan, repairs	1.05
Sullivan & Markey, binding	2.00
M. C. Swift & Son, braid and repairs	17.85
R. W. Taber, stationery	63.54
Thomas W. Talcott, clothing	3.00
Viall & Cook, rent	200.04
Wendell, Fay & Co., uniform cloth	583.14
James M. Whittaker, laundry	35.70
Chas. F. Wing, carpets, furniture and repairs	97.61
Robert Wolfenden, laundry	73.50
	2,563.82
To transfer to balance	\$117,498.27
	3,218.88
	<u>120,747.15</u>

Cr.

By appropriation	\$112,000.00
Receipts as per Treasurer's reports	8,747.15

POOR DEPARTMENT.

Dr.

Almshouse:

Almshouse help, wages	\$9,628.28
Acushnet Co-operative Association, groceries and provisions	1,656.21
Francis T. Akin, painters' supplies	66.40

James T. Almy, spectacles	.50
E. Anthony & Sons, subscription	6.00
Ashley & Peirce, clothing and furnishings	288.74
Isaac L. Ashley horse keeping	116.00
Merton B. Ashley, sawdust and wood	42.75
Automatic Telephone Co., service	31.50
John W. Bannister, meat	617.78
John B. Baylies, brooms and pails	19.00
William Baylies, flour, grain and groceries	1,127.15
James E. Blake, seeds	37.15
Bliss and Nye, crockery and glass	78.40
H. T. Borden, wood	74.25
Bowman & Vaughan, molasses, rice and tobacco	637.48
Henry M. Brett, soap	71.80
Bristol, Myers & Co., medicine	12.00
E. C. Brownell & Co., fish and meat	656.88
S. A. Brownell & Co., meat	91.59
Ruchell Shoe Co., shoes	9.85
C. W. Chase, fish and meat	91.70
City Coal Co., coal	883.95
A. E. Coffin Press, stamped envelopes	6.50
C. S. & B. Cummings, sugar	16.06
Edward F. Dahill, leather	13.95
J. Davis & Co., shoes and rubbers	135.65
J. G. Davoll, flour and grain	510.35
D. H. DeMoranville, freight and carting	14.39
Denison Brothers Co., coal	359.07
Denison, Plummer Co., flour and grain	273.38
Henry H. Dews, services	23.00
Thomas Donaghy, leather and findings	157.72
James S. Dick, furnishings	250.15
Driscoll, Church & Hall, groceries	406.26
William H. Dwelley, blacksmithing	1.25
Manuel P. Enos, two cows	40.00
P. M. Frank Co., disinfectant	15.00
Fire Department, dressing	205.00
Fichtennayer & Flynn, blacksmithing	212.52
F. A. Frates, harness and repairs	242.05
N. T. Fuller, blacksmithing and painting	138.40
Greene & Wood, lumber	131.38
W. A. Greenough & Co., directory	4.00
Jonathan Handy Co., bolts and hooks	2.77

T. M. Hart & Co., labor and supplies	23.97
Haskell & Tripp, dry goods	2.23
W. E. Hathaway, flour, grain and seed	350.17
Thomas Hersom & Co., oil	2.05
Hillman, Washburn & Co., hardware and tools	247.97
Albert W. Holmes, coal	44.80
A. H. Howland, agent, liquor	146.00
Henrietta Humphrey, services	65.00
Perry P. Jenney & Son, mower repairs	2.47
William L. Kelley, clocks and spectacles	18.75
C. H. & H. A. Lawton Co., prescriptions	2.95
Joseph S. Lewis, Jr., steam fitting	116.09
Clarence Lowell, carriage repairs	22.30
John McCullough, canvas	45.00
Frederick Macy, dressing	11.11
Mercury Publishing Co., subscription	6.00
George F. Merry, sawdust	25.00
Mills Tea & Coffee Co., coffee	60.00
T. J. Moriarity, stock and labor	254.84
New England Homestead, subscription	3.00
N. B. Foundry & Machine Co., stock and labor	1.75
N. B. Gas & Edison Light Co., lighting	677.84
N. B. Gas & Edison Light Co., fixtures and labor	3.86
N. B. Public Market, coffee	10.00
N. B. Steam Carpet Bealing Est., cleaning	2.00
N. Y., N. H. & H. R. R. Co., freight	.29
Charles S. Paisler, lime and plaster,	4.90
James E. Pease, dentistry	4.00
S. S. Peckham, plants	18.00
E. F. Penney, plumbing, iron and tinware	78.20
T. H. Pickles, horseshoeing	1.50
G. & L. Poisson, clothing and furnishings	23.00
William F. Potter, & Co., groceries	1,272.20
Richmond & Co., hops and malt	18.26
A. Robinson, tobacco	145.50
Sanitos Co., disinfectant	42.00
C. R. Sherman & Son, stock and labor	19.30
I. C. Sherman & Son, seed potatoes	47.75
So. Mass. Telephone Co., service	73.93
J. V. Spare Dry Goods, dry goods and notions	288.73

Sullivan & Markey, binding	15.00
Arthur H. Swift, sutlar	15.00
M. C. Swift & Son, clothing	2.50
Sylvia & Andrews, groceries	68.04
Robert W. Taber, books and stationery	17.91
James P. Taylor, chemicals and drugs	842.50
George Tripp, painting	94.50
Weslbach Street Lighting Co., damages	5.50
Clarence E. Westgate, wood	10.00
Alfred G. Wilbor, flour	93.25
E. Williams, chaplain, services	156.00
C. F. Wing, carpets, furniture and repairs	140.78
John A. Wood & Co., seed potatoes	19.40
Wood, Brightman & Co., stove fittings	3.75
A. H. Wordell, fertilizer, hardware and seed	353.25
Frank L. Young & Kimball, oil	8.80
	\$25,433.10
Burials:	
Robert G. Bennett	80.00
Joseph Carriere	8.00
A. Desautels	13.00
Vital Girard	176.00
John E. Moriarty	70.00
T. J. Murphy	49.00
John Rogers	331.00
J. D. Sullivan	66.00
Weston C. Vaughan, Jr.	129.00
Joseph S. Williams	485.00
E. T. Wilson & Son	182.00
	1,589.00
Cities and towns:	
Adams	45.00
Boston	442.00
Cambridge	4.87
Fairhaven	345.15
Fall River	221.22
Fitchburg	69.41
Freetown	59.00
Harwich	10.25
Mansfield	155.00
Mattapoisett	25.61
Middleborough	89.36
Nantucket	48.00
Springfield	24.36
Taunton	52.35

Wareham	24.50
Webster	83.75
Westminster	9.50
Worcester	13.52

Grocery orders:

Acushnet Co-operative Association	321.00
Charles Akin	1.50
A. G. Alley, Jr.	62.50
Joseph Almeda	3.00
William Armitage	98.00
Reuben Arsenault	3.00
J. B. Ashley, Jr.	143.00
J. C. Austin	49.50
D. W. Baker	74.00
John W. Bannister	584.00
J. Barlow	45.50
J. W. Bates & Co.	169.00
Lot B. Bates	169.00
William Baylies	831.00
Octave Benjamin	3.00
A. F. Blossom	10.50
Bolduc & Langlois	59.50
Arthur H. Borden	58.00
Boston Beef Co.	1,150.00
Albert C. Braley	106.00
Braley & Brownell	40.50
J. W. Braley, Jr.	114.00
David Bromley	78.00
C. H. Brownell & Son	739.50
S. A. Brownell & Co.	152.50
William Burke	42.00
William Burgess & Son	40.50
A. M. Burns	99.00
Central Union Association	426.00
W. L. Chadwick	79.50
W. H. Chappell estate	30.00
C. W. Chase	82.50
Aldege Chausse	24.00
Joseph Chausse	.263.00
Henry W. Cole & Co.	66.00
John H. Cook	110.50

Coxen & Tripp	56.00
Cushman Brothers	30.00
Fred A. Dammon	80.50
S. Desautels	95.00
Driscoll, Church & Hall	2,093.00
D. B. Folger	650.50
Henry Gatie	117.50
D. H Gauthier	94.00
German & Bohemian Co-operative Association	102.00
Gilmore Brothers	16.00
Joseph Gomes	4.00
G. F. Gray	45.00
John Greenwood	119.50
Harrington Cash Store	24.50
John S. Harrington	141.50
Benjamin Hebert	139.00
William Hindle	10.00
H. W. Hirst	153.00
James Howarth	13.50
J. L. Humphrey, Jr.	19.50
William H. Humphrey	6.00
Edward Hughes & Son	2.00
Walter F. Jenney	77.00
M. J. Keavy	12.50
Joseph Keroack	9.00
Adam S. Korona	14.00
Edward T. Lawton	46.00
Joseph Lord	1.50
William T. Luce, Jr.	120.50
W. Lussier	3.50
L. E. Milliken & Co.	566.50
Thomas J. Murphy	53.50
N. B. Public Market	36.00
John Notter	106.58
Alfred Nye	78.00
Alfred Owen	133.00
Parent & Methot	24.00
William A. Perry	187.00
Joseph P. Ponte	15.00
E. L. Potter	96.00
William F. Potter & Co.	182.50
John F. Riley	107.50

Daniel Robinson	158.50
J. C. Robertson	22.00
Samuel Seabury	52.00
Morris Shapira	6.00
H. A. Sherman	114.00
Edward Sylvester	80.50
Snell & Simpson	1.50
William Sousa	21.00
George B. Stafford	45.00
A. G. Stanton	10.50
Sylvia & Andrews	212.50
O. R. Taber & Son	54.50
Thompson & Sweeney	45.00
D. K. Tripp	313.50
Franklin H. Vinal	188.50
A. R. Washburn	57.00
C. F. Wing	22.00
James H. Winslow	5.50
Israel Wollison	7.00
Thomas Wrigley	163.50
F. Zimmerman	90.00
	\$13,839.08

Physicians and medicines :

H. A. Blackmer	3.50
Joseph A. Frasier, M. D.	1,020.00
C. H. & H. A. Lawton Co.	1.70
Alphonse Normandin, M. D.	1,023.50
Nuttall's Pharmacy	2.40
Frank E. Stetson, M. D.	2.00
	2,063.10

Salaries :

Ella F. Bucklin, clerk	799.76
A. H. W. Carpenter, overseer and secretary	990.96
Charles S. Paisler, overseer	150.00
William H. Rankin, overseer	93.75
Antone H. Senna, interpreter	799.76
Augustus A. Wood, visitor	799.76
	3,642.99

State institutions :

Commonwealth of Massachusetts	774.37
Hospital for Dipsomaniacs and Inebriates	116.07
Hospital for Epileptics	668.11
Medfield Insane Asylum	2,379.81

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School for the Feeble Minded	764.15	
Taunton Insane Hospital	10,879.25	
Westboro Insane Hospital	338.91	
Worcester Insane Asylum	126.76	
Worcester Insane Hospital	42.71	16,090.13

Wood and coal yard :

Andrew J. Ashley, superintendent	546.00	
Automatic Telephone Co., service	9.00	
H. T. Borden & Co., sawing wood	12.13	
City Coal Co., coal	256.42	
Denison Brothers Co., coal and wood	1,493.15	
David Duff & Son, coal	2.00	
H. M. Gibson, wood	80.75	
N. P. Hayes, tools	1.50	
Highways and streets, carting	556.38	
Percy E. James, plumbing	9.11	
Perry P. Jenney & Son, tools and fitting	21.80	
Charles S. Kelley, Jr., wood	163.31	
John N. O'Brien, coal and wood	2.40	
James L. Peck, setting glass	2.50	
William H. Rankin, stock and labor	5.95	
John A. Russell, wood	268.97	
Clarence E. Westgate, wood	169.68	3,601.05

Miscellaneous :

F. T. Akin, labor and material	2.06	
E. Anthony & Sons, printing	28.50	
E. Anthony & Sons, subscription	6.00	
Ashley & Peirce, clothing and furnishings	12.72	
Isaac L. Ashley, carriage hire	16.95	
Automatic Telephone Co., service	111.00	
Bliss & Nye, sundries	3.00	
A. H. W. Carpenter, disbursements	55.07	
Cherry & Co., garments	8.94	
City Treasurer, cash orders	2,122.65	
A. E. Coffin Press, paper and printing	16.25	
W. H. Collins & Co., books	74.00	
C. S. & B. Cummings, soap and matches	1.10	
Z. B. Davis, stock and labor	143.86	
DeWolf & Vincent, grate	.90	
Thomas Donaghy, shoes	1.50	
John Duff, P. M., stamped paper	47.80	

J. L. Fairbanks Co., registry book	4.00
E. C. Gardiner estate, hacking	1.60
T. M. Hart & Co., canvas	.80
T. F. Healy & Son, shoes	1.00
Hobbs & Warren Co., blanks and books	38.18
H. S. Hutchinson & Co., law books	6.50
E. V. Kendall, reporting	26.00
Library Bureau, index cards	13.80
Margaret McMahon, services	10.00
John D. Mauseau, transportation	31.05
Mercury Publishing Co., printing and binding	11.00
Mercury Publishing Co. subscription	6.00
N. B. Emergency Hospital, board	305.29
N. B. Gas & Edison Light Co., stock and labor	1.95
N. Y., N. H. & H. R. R. Co., mileage	253.28
L. Z. Normandin, pens	7.50
Old Dominion Steamship Line, transportation	56.00
D. L. Parker, P. M., stamped paper	5.00
J. Henry Peirce, carriage hire	24.50
Sanders & Barrows Co., furnishings	5.00
Schuler Brothers, shoes	2.00
C. R. Sherman & Son, electric bells	5.15
F. R. Slocum Co., chair and repairs	9.75
So. Massachusetts Telephone Co., service and tolls	84.00
J. V. Spare Dry Goods Co., dry goods	15.83
St. Lukes Hospital, board	389.80
St. Mary's Home, board	47.00
Carl Strauss, pencil sharpener	9.00
Sullivan & Markey, binding	2.00
R. W. Taber, books and stationery	45.49
Union Boot & Shoe Co., shoes and rubbers	92.25
Union Street Railway Co., car tickets	30.00
E. Williams, aid to shipwrecked seamen	34.85
	\$4,226.67
To transfer to balance	\$72,197.97
	1,423.19
	\$73,621.16

CR.

By appropriation	55,000.00
By special appropriation	9,000.00
Receipts as per Treasurer's reports	9,621.16
	<u>\$73,621.16</u>

PRINTING, BINDING AND STATIONERY.

DR.

E. Anthony & Sons, Incorp.	\$8.42
F. S. Brightman Co.	50.88
Carter's Ink Co.	5.45
A. E. Coffin Press	2,032.33
W. H. Collins & Co.	147.50
W. A. Greenough & Co.	40.00
Hobbs & Warren Co.	42.86
H. S. Hutchinson & Co.	32.50
Library Bureau	13.49
Mercury Publishing Co.	38.72
L. Z. Normandin	1.50
W. M. Olin, Secretary	1.00
Pneumatic Hand Stamp Co.	.83
Joseph Proulx, agent	16.50
W. H. B. Remington	.25
C. R. Sherman & Son	1.00
Sullivan & Markey	735.95
Robert W. Taber	346.46
Wyckoff, Seamans & Benedict	4.75
	<u>\$3,520.39</u>

CR.

By appropriation	3,000.00
By transfer to balance	520.39
	<u>\$3,520.39</u>

PROTECTION OF SHADE TREES.

Dr.

Pay rolls, labor		\$1,251.37
A. W. Alleu estate, poles	14.45	
Bowker Insecicide Co., disparene	300.00	
William P. Briggs, labor	1.50	
DeWolf and Vincent, hardware and tools	4.79	
T. M. Hart & Co , blocks and twine	1.19	
Hatch & Co., express	.45	
George E. Hatch, repair of apparatus	10.10	
W. S. Hill Electric Co., sheet brass	.60	
Highways and streets, stock, labor and teaming	949.60	
Warren Ingraham, labor and expenses	18.37	
Perry P. Jenney & Son repairs	6.55	
A. H. Kirkland, lecture	25.00	
C. F. Lawton, lecture expenses	2.00	
Mercury Publishing Co., advertising	1.00	
N. B. Boiler & Machine Co., labor	4.40	
N. Y., N. H. & H. R. R. Co., freight	5.11	
William H. Rankin, repairs	3.65	
Slocum & Kilburn, wire	.45	
So. Mass. Telephone Co., tolls	.35	
E.C. Ware, spraying apparatus	261.90	
Wood Brightman & Co., hose and rod	5 25	1,616.71
		\$2,868.08
To transfer to balance		772.49
		3,640.57

Cr.

By special appropriations	\$3,500.00
Receipts as per Treasurer's reports	140.57

PUBLIC BATHS,—IMPROVEMENTS.

DR.

Boston Furniture Co., window shades	\$1.00
John F. Borden, moving buildings	150.00
William P. Briggs, hardware and labor	62.40
William P. Butler, hardware	4.12
Hillman, Washburn & Co., hardware and lanterns	45.70
T. J. Moriarty, lead and oil	10.10
Edward Murphy, painting	82.12
E. F. Penney, plumbing	20.93
Siddall & Barlow, bath houses and equipment	150.00
Francis Thorley, stock and labor	566.07
Henry W. Tripp, stock and labor	18.17
	\$1,110.61

CR.

By special appropriation	\$1,000.00
By transfer to balance	110.61

PUBLIC BATHS,—MAINTENANCE.

DR.

Isaac L. Ashfey, agent, land rent	\$200.00
William P. Butler, glass and hardware	8.27
J. A. Frasier, M. D. services	3.00
Mary A. Green, labor	4.50
Haskell & Tripp, suits and towels	55.80
Hillman, Washburn & Co., hardware, etc.	3.00
Kirby & Hicks, carriage hire	3.00
Clarence G. Lamb, labor	11.27
John Latham, carting	6.00
James McNeely, services	274.00
James McNeely, disbursements	23.21
Patrick Mahon, services	202.00
E. F. Penney, plumbing	2.65
G. & L. Poisson, buttons, needles and thread	6.36
George D. Richards, rubber rings	29.95

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Rotch & Potter, insurance	15.60
Ruggles & Ellison, towels	12.00
Mortimer Searles, ink and stamp	1.22
Smith & Murphy, chemicals	1.80
Whittaker Steam Laundry Co., laundry	113.53
J. & W. R. Wing Co., buttons	11.00
To transfer to balance	11.84
	<hr/>
	\$1,000.00

CR.

By special appropriation	\$1,000.00
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PUBLIC DEBT.

DR.

Principal (bonds) paid	\$90,000.00
Interest on bonded debt	155,702.50
Interest on temporary loans	27,754.83
Interest on trust funds	8,297.72
To transfer to balance	722.93
	<hr/>
	\$282,478.00

CR.

By appropriation	\$190,398.00
Receipts as per Treasurer's reports	92,080.00

PUBLIC SCHOOLS, DOG FUND

DR.

School Census :	
Gilbert B. Borden	\$55.00
William Hawes	40.00

Laura T. Howland	37.00
Alice P. Miller	87.50
Walter R. Myrick	50.00
Henry T. Phillips	85.00
Robert W. Taber	3.60
	\$358.10

Flags and repairs :

Almy & Hitch	27.00
T. M. Hart & Co.	36.15
Frank R. Pease	38.75
Pease Fireworks Co.	19.25
Pease's Prescription Pharmacies	24.00
James Slater	6.00
	151.15

Miscellaneous :

William E. Hatch, cash for disbursements	225.00
Rand, McNally Co., maps	42.64
	267.64
	\$776.89
December 1, 1902. To balance	2,797.51
	3,574.40

CR.

December 2, 1901. By balance	\$2,020.46
Receipts as per Treasurer's reports	1,553.94
	\$3,574.40

CR.

December 1, 1902. Balance	\$2,797.51
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PUBLIC SCHOOLS, INCIDENTALS.

DR.

Salaries :

William E. Hatch, superintendent and secretary	\$3,500.40
Emma M. Almy, clerk	801.30
Frances H. Allen, clerk	37.76

Sarah D. Ottiwell, clerk	600.00
Mary C. Potter, clerk	547.48
Josephine B. Stuart, clerk	7.50
George K. Dammon, messenger	845.44

\$6,339.88

Pay rolls :

Janitors and truant officers	20,228.05
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Books and stationery :

Adams, Cushing & Foster	1,096.60
Alyn & Bacon	\$40.00
James T. Almy	9.50
American Bank Note Co.	87.50
American Book Co.	894.72
E. Anthony & Sons	191.40
Edward E. Babb & Co.	26.67
Boston School Supply Co.	128.00
F. H. Butterfield	3.44
T. H. Castor & Co.	7.00
A. E. Coffin Press	1,024.98
Coffin Brothers	.45
Levi L. Crane	4.50
Cupples & Schoenhof	13.85
Eagle Pencil Co.	15.75
Esterbrook Steel Pen Mfg. Co.	54.00
E. P. Gerould & Co.	4.00
Ginn & Co.	861.21
Globe-Wernicke Co.	\$7.40
J. L. Hammett Co.	1,038.59
Mary I. Hamilton	1.50
D. C. Heath & Co.	1,412.21
Holden Patent Book Cover Co.	786.06
Houghtón, Mifflin & Co.	209.95
H. S. Hutchinson & Co.	12.50
Edwin R. King	16.75
Kenney Brothers & Wolkins	20.00
Maynard, Merrill & Co.	226.58
Mozart Composing Book Co.	10.00
W. L. Musick	33.25
The Neostyle Co.	17.90
S. S. Packard	8.00
Practical Text Book Co.	5.20
Prang Educational Co.	1,003.70

George P. Putnam's Sons	6.67
Benjamin H. Sanborn & Co.	63.48
Sibley & Co.	1.70
Silver Burdett & Co.	15.00
Sullivan & Markey	135.42
Robert W. Taber	312.87
Thompson, Brown & Co.	98.95
Thorpe & Martin Co.	14.40
	\$9,916.15

Fuel :

Merton B. Ashley	94.18
H. T. Borden & Co.	31.90
City Coal Co.	5,040.50
Patrick Connors	6.00
Denison Brothers Co.	2,362.61
James Hartley	12.00
David Hutchings	9.00
Latham T. Jennings	97.37
W. R. Morse, manager	12.00
Morse & Osborn	9.00
John N. O'Brien	189.75
H. O. White	6.75
Lucie White	23.83
	7,894.89

Furniture, furnishings and repairs :

Allen's Shade Holder Co.	3.75
Chandler Adjustable Chair & Desk Co.	359.68
William F. Desmond	8.10
Household Furnishing Co.	12.50
Kenney Brothers and Wolkins	1,655.55
New Bedford Furniture Co.	42.75
Henry T. Phillips	37.00
B. H. Waite & Co.	21.53
Charles F. Wing	814.18
	2,955.04

Janitors' labor, laundry and sundries :

Robert Arnett	15.15
Samuel S. Broadbent	17.37
H. O. Casey	5.80
Phylander Chace	41.67
William J. Cochrane	33.77
Timothy Crowley	5.80
George W. Dexter	19.85

Edward H. Field	12.68
Henry M. Gifford	17.13
Joseph Green	18.20
James T. Heron	11.20
Thomas C. Holmans	12.00
Edwin Jones	13.71
Edward I. Lawrence	23.33
Hiram T. Lumbert	68.03
John Lumbert	17.49
Robert J. Moncrieff	12.42
F. O. Pollock	61.49
John H. Rudge	17.10
Edwin S. Tallmann	18.20
LeRoy G. Tripp	10.31
Albert P. White	15.40
James A. Wood	18.79
	\$486.89

Labor and material:

Willard B. Bennett	4.24
Blair Sign Co.	3.00
George A. Bosworth	401.10
William P. Briggs	119.70
Charles F. Chase	35.00
R. E. Edwards	4.95
George A. Eggers	34.90
John H. Ennis	20.25
R. M. Gardner & Co.	3.44
D. L. Hathaway & Son	2.80
Highways and streets	.49
Jenney & Buffington	.35
Perry P. Jenney & Son	6.25
Charles F. Keene	5.95
John J. Meaney	116.69
N. B. Gas & Edison Light Co.	35.48
John V. O'Neil	3.07
E. F. Penney	.25
E. A. Remington	29.98
F. H. Sargent	2.50
C. R. Sherman & Son	39.88
R. A. Sherman & Son	147.72
William R. West	83.43
Samuel Whitlow	33.20
George A. Wood	3.25
Wyckoff, Seamans & Benedict	42.25
	1179.12

Rents :

Battery E., 1st. Regt., M. V. M.	35.00
M. A. Hickey	191.67
High School Cadets	15.00
Thomas J. Meaney	1,200.00

1,441.67**Supplies**

F. T. Akin & Co.	1.50
Bailey Mfg. Co.	1.82
James E. Blake	14.85
Bliss & Nye	96.33
George L. Briggs	.50
William P. Briggs	13.60
William H. Brown	11.00
C. H. Brownell & Son	140.00
E. C. Brownell	3.07
William P. Butler	4.73
Continental Brush Co.	31.35
Henry T. Corson	.40
Thomas W. Croacher	.42
C. S. & B. Cummings	7.15
C. F. Cushing	3.40
DeWolf & Vincent	117.43
Thomas Donaghy	32.75
Frank M. Douglass	11.10
Driscoll, Church & Hall	26.95
C. L. Dunham	627.25
Eimer & Amend	11.60
D. W. Fisher & Co.	2.52
D. B. Folger	1.03
Benjamin French & Co.	11.25
Frost & Adams Co.	18.54
J. L. Hammett Co.	915.59
T. M. Hart & Co.	1.60
Edward S. Haskell	1.65
N. P. Hayes	1.74
Thomas Hersom & Co.	46.10
Hillman, Washburn & Co.	69.35
Perry P. Jenney & Son	17.41
Joseph P. Kennedy	12.50
Kenney Brothers & Wolkins	336.81
Charles H. Kenyon	18.74
Edwin R. King	16.55

L. E. Knott, Apparatus Co.	277.19
Andrew J. Lloyd & Co.	1.56
Masury Young & Co.	91.00
Moynan & Co.	7.56
N. B. Gas & Edison Light Co.	36.25
William F. Nye	1.85
Packard Hardware Co.	7.00
Pairpoint Mfg. Corporation	12.30
Charles F. Paisler	.75
Pease Fireworks Corporation	.75
Pease & Dandurand	2.40
George S. Perry & Co.	5.84
G. & L. Poisson	7.10
Pope's Island Mfg. Corporation	.90
Prang Educational Co.	359.26
G. G. & G. A. Randall	216.69
George D. Richards	7.60
Ruggles & Ellison	43.77
E. H. Shaw & Co.	2.16
Smith & Murphy	14.26
F. L. Sowle	4.13
J. V. Spare Dry Goods Co.	2.30
Sulpho Naphthol Co	39.00
Sylvia & Andrews	1.20
M. L. Sylvia	27.15
George Thomas	7.85
Charles H. Tripp	.90
Wadsworth, Howland & Co.	9.57
William R. West	1.50
White & Fairchild	4.60
Mary C. Wiggins	1.84
Henry P. Willis	3.47
Wood, Brightman & Co.	23.85
	\$3,851.33

Miscellaneous :

John Alcock, labor	1.80
Charles R. Allen, disbursements	10.00
Edwin Allen, express	11.80
Frances H. Allen, services	10.62
Almy & Hitch, use of flag	1.25
Emma M. Almy, services	21.00
Braddock Andress, carting	2.75
E. Anthony & Sons, advertising and printing	58.96

E. Anthony & Sons, subscription	6.00
George Bailey, labor	16.50
William A. Baker, services	12.00
J. V. Bancroft, sprinkling	17.00
Edmund E. Bandooin, services	35.00
Bausch & Lomb Optical Co., microscopes	21.00
C. J. Becker, engrossing	13.95
Harry H. Browne, services	.45
Wilson R. Butler, postage	7.60
Catholic Union Publishing Co., advertising	20.00
Louis R. Chadwick, services	25.00
Charles S. Chapin, lecture	25.00
Mrs. William Clarke, laundry	2.97
Samuel H. Cook, boiler insurance	100.00
William B. Cross, rent of theatre	77.75
George K. Dammon, services	12.00
George K. Dammon, disbursements	4.50
S. Agnes Donham, disbursements	4.69
George K. Dammon, laundry	2.52
F. F. Dumas, clock repairs	2.75
Harriet H. Gilman, use of table	1.00
Charles A. Gray & Co., freight and carting	80.90
Mary A. Green, labor	3.00
William A. Greenough & Co., directories	8.00
Edward S. Haskell, use of plants	5.00
Hatch & Co., express	22.80
William E. Hatch, disbursements	31.65
John C. Haynes & Co., pitch pipes	7.20
Ida M. Holmans, laundry	5.61
H. A. Jahn, use of plants	8.00
William A. Jennings, carting	468.63
Clarence E. Jones, music	18.00
William L. Kelley, clock repairs	2.50
William Lewis, labor	4.50
L'Independent Publishing Co., advertising	22.50
Andrew J. Lloyd & Co., microscopes	246.00
Mary McAulliffe, laundry	31.35
James McFarlin, moving	2.50
Mercury Publishing Co., advertising	47.51
Mercury Publishing Co., subscription	6.00
Mary E. Morton, transportation	15.45
The Neostyle Co., apparatus	49.00
N. B. Co-operative Express Co., express	17.75

N. B. Gas & Edison Light Co., lighting	1,258.61
N. B. Product Co., services	18.33
N. B. Steam Carpet Heating Est., cleaning carpets	23.87
Samuel Obey, labor	7.20
Edward M. Peirce, carriage hire	148.50
George Peirce, piano rent	20.00
William P. Peirce, floral emblem	15.00
S. F. Perry & Son, carriage hire	2.00
Mary C. Potter, services	21.00
Rand, McNally & Co., map	14.40
Mortimer Searles, rubber stamps	12.25
George W. Shaw, agent, ventilators	15.75
Sherman & Perry, carriage hire	11.50
John D. Sherman, labor	6.00
Smith Premier Typewriter Co., typewriters, etc.	256.50
Allen Smith, Jr., carriage hire	15.00
Henry Smith, services	12.00
So. Mass. Telephone Co., service and tolls	55.38
George H. Spooner, transportation	300.00
Carl Strauss, pencil sharpeners	14.00
D. J. Sullivan, clocks and repairs	17.75
Roland J. Sylvia, cleaning	12.00
Times Publishing Co., advertising	15.90
Union Street Railway Co., car tickets	94.00
Urbain Vigneault, ploughing snow	4.00
Wamsutta Stables, carriage hire	3.50
H. O. White, labor	8.44
James M. Whittaker, towel supply	15.30
Mary C. Wiggins, labor	5.10
Henry Winborne, labor	7.80
Isabella S. Witherell, services	4.00
John Woolfenden, clock repairs	4.75
Robert Woolfenden, towel supply	21.60
Mrs. William Woolfenden, laundry	23.04
Wyckoff, Seamans & Benedict, typewriter	125.00
	\$4,218.68
To transfer to balance	\$58,511.70
	1,488.30
	<u>60,000.00</u>

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By appropriation	<u>\$60,000.00</u>
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PUBLIC SCHOOLS—PAY OF TEACHERS.

DR.

HIGH SCHOOL.

Wilson R. Butler	\$2,735.00
William E. Sargent	1,700.00
Charles R. Allen	1,190.00
Robert M. Brown	360.00
Charles T. Bonney, Jr.	1,600.00
Edwin H. Harris	1,400.00
Lydia J. Cranston	943.00
Elizabeth P Briggs	900.00
Mary E. Austin	390.00
Lucretia N. Smith	891.00
Emma K. Shaw	870.00
Helen L. Hadley	831.00
Mabel W. Cleveland	876.00
Mary C. Wiggin	867.00
Henrietta E. Hardy	616.50
Katherine M. Crabtree	580.00
Lena M. Newcastle	270.00
Hannah E. Rollins	765.00
Amy C. Rhodes	300.00
Adah M. Tasker	270.00
Edmond E. Baudoin	300.00
	\$18,634.50

GRAMMAR SCHOOLS.

Fifth Street:

Allen F. Wood	\$1,900.00
Lydia A. Macreading	661.40
Mary E. Allen	590.00
Sarah E. Stoddard	588.00
Mary W. Leymunion	600.00

Annie C. Hart	595.00
Mary A. Kane	600.00
Grace L. Carver	600.00
Lottie M. Allen	597.50
Clara M. Woodward	80.00
Helen C. Hervey	495.00
Florence M. Ellis	505.50
	\$7,812.40

Middle Street :

Elwyn G. Campbell	1,900.00
Lucy B. Fish	645.03
Lucy F. Winchester	675.40
Anastasia O'Keefe	494.00
Regina M. Paul	600.00
Clara S. Vincent	600.00
Etta M. Abbott	600.00
Helen McCoy	597.00
Lizzie E. Omey	598.50
Julia C. Gifford	600.00
Elizabeth D. Hicks	563.00
	7,872.93

Parker Street :

Arthur F. Gilbert	1,900.00
Anna L. Jennings	166.21
Mariana N. Richmond	472.76
Catherine Haley	202.50
Gertrude M. Flanigan	182.50
Daisy M. Butts	600.00
Belle B. Wheeler	600.00
Mary L. Pettey	597.00
Emily A. Delano	590.00
A. Mabel Drew	600.00
Louise E. Hicks	540.25
Lila B. Lewis	600.00
Lillian T. Thomas	561.00
Rose M. Meaney	586.25
S. Agnes Holmes	600.00
Marie Clifford	600.00
Jane E. Conway	445.25
	9,843.72

Robert C. Ingraham :

Alice C. Munsey	1,900.00
N. Emma Slack	643.40

Mary A. Macy	590.00
Cora B. Cleveland	600.00
Elizabeth M. Briggs	600.00
Agnes M. James	598.00
Grace W. Glines	380.00
Mary A. Lee	180.00
Annie L. Murkland	590.00
Anna H. Bartlett	600.00
Helen T. Maxfield	598.00
Sarah A. Sawyer	418.00
Lila D. Hayne	418.00
Martha I. Shaw	420.00
Clara E. Sherman	463.88
Margaret M. Healey	134.75
Elva E. Fellows	180.00
Anna E. Van Allen	180.00
Margaret E. Balcom	165.00
	9,607.03

John H. Cliford:

Edward B. Gray	1,895.25
Emma A. McAfee	669.00
Florence M. Ellis	94.50
Lizzie A. Nickerson	600.00
Emma A. Eaton	600.00
Flora M. Corwin	600.00
Susan Gifford	600.00
Rachel M. Wordell	600.00
Louise M. Newhall	600.00
Katherine E. Kenyon	562.25
Mary G. LaPlante	180.00

PRIMARY DEPARTMENT.

Mary O. Lamb	550.00
Mabel F. Alden	105.00
	7,656.00

PRIMARY SCHOOLS.

Acushnet Avenue :	
Jane C. Thompson	\$525.00
Sarah E. Kirwin	225.37
Nellie A. Walker	41.25
Caroline S. Silva	463.00

Julia M. Pilling	550.00
Lida J. Brightman	550.00
Mary C. Barstow	550.00
Sylvia W. Paulding	541.20
Ella W. Cake	530.20
Katherine O'Connell	555.00
Eudora K. Barry	446.25
Lucie White	550.00
Gertrude L. Corish	370.00
	\$5,897.72

I. W. Benjamin :

Jane E. Gilmore	806.00
Nellie W. Davis	546.80
Alice A. Taylor	550.00
Mary F. Livingston	550.00
Emma L. Gartland	550.00
Flora A. Pearl	529.20
Laura C. McCabe	550.00
Sophie T. Anthony	550.00
Florence M. Anthony	542.80
Cecilia A. Deane	550.00
Hannah E. Norton	546.25
Ethel Bliss	496.25
Anne J. Chase	446.25
Elizabeth Landgrebe	67.20
	7,280.75

Cedar Grove Street :

Agnes J. Dunlap	875.00
Mary R. Dalton	550.00
Florence A. Howland	385.00
Kate Sweet	550.00
Alice P. Winchester	547.25
Gertrude Hawes Poole	536.25
Sara Peckham	549.20
Harriet A. Taylor	408.00
Mary B. Brownell	548.63
Grace W. Dillingham	545.20
Mary E. Boardman	546.25
Minnie H. Smythe	546.25
Mary W. Snow	496.25
Mary I. McCormick	481.25
Ethel E. Clapp	415.00
Mary F. Staples	165.00

Kindergarten Department.

Anna Hill	550.00	
Irene M. Bassett	543.60	9,238.13

Cedar Street.

Annie G. Brawley	650.00	
Mabel L. Hathaway	407.20	
Ruth M. Tripp	550.00	
Esther W. Paul	546.45	
Madeline A. Gregg	550.00	

Kindergarten Department.

Ada S. Blake	528.00	
Susan F. Haskins	413.40	3,645.05

Cannonville :

Adelaide J. McFarlin	575.00	
Florence A. Poole	550.00	1,125.00

Clark Street :

Elizabeth P. Spooner	675.00	
Lucy S. Leach	550.00	
Isabella Luscomb	550.00	
Annie S. Ray	548.40	
Lucia E. Bliss	550.00	
Harriet J. Thorpe	546.25	
Mary E. Bumpus	490.08	3,909.73

Dartmouth Street :

Isadore F. Eldridge	\$700.00	
Sarah F. Pratt	550.00	
Annie F. Smith	550.00	
Nellie H. Cook	538.00	
Nellie L. Foster	550.00	
Carrie W. Bliss	550.00	
Jeannette B. Fuller	550.00	
Carolyn S. Jones	544.50	4,532.50

George H. Dunbar :

M. Eva Schwall	\$700.00	
Grace H. Potter	542.00	
Alice J. Lawrence	550.00	

Helen G. Malley	543.14
Angela F. Bowie	550.00
Mary L. Rogers	84.88
Mary V. Perry	550.00
Jennie A. Murphy	532.40
Mary E. Ferrell	346.00
	4,398.42
Thomas A. Greene :	
Annie L. Macreading	\$723.50
Eliza H. Sanford	383.40
Sarah E. Sears	543.83
Caroline E. Bonney	548.40
Dora A. DeWolf	41.25
Bertha C. Hathaway	550.00
Nellie E. Ashley	550.00
Louise C. Loughlin	370.00
Mary E. Durfee	356.80
Mary A. Horan	104.00
Kindergarten Department.	
Josephine H. Cobb	\$539.12
Ethel S. Gibbs	548.40
	5,257.70
Sylvia Ann Howland :	
Marion H. Swasey	\$625.08
Mary J. Graham	550.00
Helen J. Kirk	550.00
Ruth A. Wilde	543.60
Helen L. Corish	541.45
	2,810.18
Horatio A. Kempton :	
Bessie P. Peirce	\$648.38
Edith M. B. Taber	543.60
Clara L. Bennett	547.60
Alice E. Jenney	539.05
Charlotte G. Tourtelotte	445.13
Amelia A. Murray	443.05
	3,166.81
Merrimac Street :	
Harriet S. Damon	\$650.00
Julia A. Ellis	546.80
Addie West	550.00
Anna I. Dexter	381.60

Margaret T. Kane	465.00	
Mary F. McIntyre	440.65	3,014.05
Phillips Avenue :		
Carrie E. Footman	\$675.40	
Helen I. Boyd	550.00	
Mary E. Peckham	545.45	
Edith W. Pratt	515.00	
Edith A. Austin	465.00	
Grace B. Garduer	458.60	
Alice B. Church	435.00	3,644.45

William H. Taylor :

GRAMMAR DEPARTMENT.

Mary E. McAuliffe	\$699.00	
Vashti M. Crosby	346.00	
Carrie M. Leavitt	179.00	

PRIMARY DEPARTMENT.

Bertha M. Martindale	383.40	
Adelaide M. Cota	496.25	
Mary E. Gleason	496.25	
Elizabeth J. Hurley	440.65	
Elizabeth C. Carter	422.05	
Ida M. Pettee	163.40	3,626.00

Thompson Street :

Sarah E. Kirwin	\$490.00	
Sarah A. Winslow	547.25	
Harriet S. Ashley	381.25	
Lila D. Hayne	221.75	
Bessie M. Harwood	46.40	
Kate W. Chase	263.60	
Florence A. Howland	165.00	
Catherine A. McGuinness	478.75	
Emily W. Davis	493.75	
Bertha E. Jenney	486.65	
Mary E. Cunningham	415.00	
Annie B. Lyon	55.00	4,044.40

Mary B. White :

Mary E. Pasho	\$.70
Annie E. Pearce	592.00
Clara C. M. Gage	550.00
Margaret H. Holmes	547.25
Mary E. Goggin	400.00
	2,089.95

UNGRADED SCHOOLS.**South Mill :**

Lucy J. Remington	\$808.00
Ruby M. Tripp	550.00
	1,158.00

Acushnet :

Annie C. Maxfield	\$900.00
Sarah A. Russ	599.00
Harriet N. Hyatt	549.20
Mary G. LaPlante	420.00
Naomi A. Turner	150.00
	2,618.20

Plainville :

Eudora Lawrence	\$600.00
	600.00

North :

Mary I. Ashley	\$600.00
Eliza H. Cushing	385.00
	985.00

Rockdale :

Addie W. French	\$45.00
Alice P. Terry	461.00
Lizzie M. Fisher	555.00
	1,061.00

HARRINGTON NORMAL AND TRAINING SCHOOL.

Cora A. Newton	\$1,700.00
Mary E. Trask	1,100.00
Carolyn D. Wood	1,200.00
Kate Moore	641.50
Grace W. Russell	589.70
Madeline Gile	615.00
Mary J. Read	586.30
Hattie L. Shafter	477.50

May Johnson	476.70
S. Ruth Cook	107.60
Gertrude L. Corish	12.00
Mary E. Durfee	12.00
Edith Ferrell	12.00
Mary A. Horan	11.20
Louise C. Loughlin	24.00
Bessie M. Noland	12.00
Phebie E. Baker	94.00
Emma G. Casey	113.20
Annie B. Gidley	137.60
Bessie M. Harwood	117.20
Lucy W. Howland	121.20
Carrie J. Hunt	116.80
Annie R. Keith	142.40
Laura M. King	140.00
Alice G. Lloyd	130.00
Florence E. Moore	90.40
Ethel M. Rogers	119.20
Frances A. Sequeira	132.40
Carolyn B. Sylvia	135.60
Anna C. Rogers	98.80
	9,266.30

SPECIAL TEACHERS.

F. H. Butterfield	\$1,900.00
Mary W. Gilbert	37.50
Lucy C. Bedlow	1,110.00
Lena M. Willis	596.00
Gertrude H. Leonard	515.00
Harriet S. Phillips	523.69
Dora D. Parker	212.50
Edwin R. King	1,600.00
S. Agnes Donham	800.00
Lois A. Leonard	585.00
	7,879.69

EVENING HIGH SCHOOL.

William E. Sargent	\$280.00
Charles R. Allen	185.50
Edwin H. Harris	185.50
Charles T. Bonney, Jr.	185.50
Clara E. Sherman	106.00
Marie Schwartz	106.00
Isabel S. Horr	53.00
	1,101.50

EVENING DRAWING SCHOOL.

George H. Nye	\$193.50
Katharine M. Crabtree	75.00
Lena M. Newcastle	45.00,
Fred M. Reed	129.00
Oliver H. Gardner	129.00 571.50

EVENING ELEMENTARY SCHOOLS.

John H. Clifford :

Edward B. Gray	\$148.75
Carolyn S. Jones	54.00
Mellie G. Harding	1.50
Mary T. Gibbons	24.00
Sylvia W. Paulding	49.50
Abby R. Johnson	30.00
Edith A. Austin	21.00
Mary R. Hinckley	25.50
Florence A. Howland	22.50
Alice Kelleher	54.00
Elizabeth A. Dunn	54.00
Dora DeW. Denby	27.00
Gertrude L. Corish	21.00
Amelia A. Murray	54.00
Gillian M. Barnes	51.00
Susan Gifford	54.00
Catherine A. McGuinness	54.00
Mary E. Gleason	52.50
Mary E. Herlihy	24.00
Katherine E. Kenyon	52.50
Annie B. Lyon	3.00
Annie B. Gidley	10.50
Mary G. LaPlante	24.00
Lizzie M. Fisher	49.50
Edith W. Pratt	6.00
Jennie T. Bolles	54.00
Jane W. Stetson	28.50
Mary I. McCormick	21.00
Carrie J. Hunt	30.00
Sarah F. Pratt	18.00
Elsa P. Bates	4.50

Rachel M. Wordell	33.75
Susan D. Hinds	21.00
Mary E. Mosher	3.00
	1,181.50

Fifth Street :

Elwyn G. Campbell	\$145.25
Helen McCoy	62.25
Clara S. Vincent	30.00
Nellie H. Cook	21.00
Julia C. Gifford	54.00
Etta M. Abbott	54.00
Sarah E. Stoddard	31.50
Ruth M. Tripp	54.00
Sara Peckham	54.00
Kate Moore	54.00
Julia M. Pilling	54.00
Jennie E. Fuller	54.00
Caroline E. Bonney	54.00
Mary R. Dalton	54.00
Florence A. Howland	30.00
Mary E. Cunningham	54.00
Florence E. Moore	24.00
Annie C. Hart	24.00
	908.00

Parker Street :

Mary A. Kane	\$126.00
Regina M. Paul	54.00
Rose M. Meaney	54.00
Sara L. Tallman	54.00
Harriet J. Thorpe	54.00
Hannah E. Norton	30.00
Edith A. Austin	3.00
Helen L. Corish	6.00
Mary I. McCormick	3.00
Harriet A. Taylor	30.00
Margaret Holmes	54.00
Ruby M. Tripp	54.00
Mary F. McIntyre	54.00
Minnie H. Smythe	54.00
Lucia E. Bliss	21.00
Lizzie E. Frazier	24.00
Gertrude L. Corish	27.00
	702.00

Robert C. Ingraham :

Joseph P. Kennedy	\$148.75
Marie Clifford	21.00
Janet Hunter	31.50
Kate K. Whelden	54.00
Emma L. Gartland	63.75
Annie F. Smith	54.00
Helen G. Malley	54.00
Alice A. Taylor	30.00
Ethel Pollard	22.50
Grace B. Gardner	24.00
Mary L. Rogers	9.00
Mary F. Livingston	25.50
Mary V. Perry	52.50
Cecilia A. Deane	52.50
Mary E. Holden	54.00
Mary E. Goggin	54.00
Mary E. Bumpus	52.50
James F. Briggs	30.00
Esther L. Karcher	24.00
Sarah A. Winslow	7.50
Raul M. Perry	1.50
Mary E. Ferrell	1.50
Mary B. Jason	24.00
Nellie H. Cook	30.00
Anna R. Keith	24.00
Marguerite Gibson	9.00
Rose M. Perry	15.00
Helen F. Murphy	24.00
Mary A. Horan	30.00
Ida M. Healey	24.00
John J. Sylvia	64.00
	1,112.00

Phillips Avenue :

Eliza G. M. Jenney	\$108.00
Nellie L. Foster	54.00
Mary G. LaPlante	30.00
Sarah E. Howard	24.00
Helen T. Maxfield	51.00
Sarah A. Russ	54.00
Annie C. Maxfield	24.00
Ada S. Blake	6.00
	351.00

SUBSTITUTES.

Harriet S. Ashley	\$8.00
Helen C. Allen	30.00
Phebie E. Baker	8.80
Annie L. Brownell	14.65
Joseph P. Cady	30.00
S. Ruth Cook	4.80
Emma G. Casey	61.60
Mary E. Durfee	24.00
Frederick T. Farnsworth	21.00
Mary E. Ferrell	.80
Annie B. Gidley	12.80
Evelyn Hunt	210.00
Janet Hunter	425.25
Carrie J. Hunt	60.00
Mary A. Horan	146.40
Lucy W. Howland	47.20
Bessie M. Harwood	7.20
S. Agnes Holmes	10.00
Laura M. King	6.40
Annie R. Keith	6.40
Mary A. Livesey	292.50
Alice G. Lloyd	30.40
Florence E. Moore	109.60
Bessie M. Noland	297.50
Mary E. Poole	180.00
Ethel M. Rogers	44.40
Anna C. Rogers	24.00
Maria S. Read	19.20
Lydia M. Sargent	99.00
Carolyn B. Sylvia	31.80
Frances A. Sequeira	34.80
Sara L. Tallman	4.80
Ethel Williams	60.00
Nellie A. Walker	165.00
Louise Whiting	4.00
	2,531.90
To transfer to balance	\$161,134.51
	4,865.49
	<u>\$166,000.00</u>

CR.

By appropriation	\$83,000.00
By special appropriation	83,000.00
	<u>\$166,000.00</u>

PUBLIC SCHOOLS, REPAIRS OF BUILDINGS.

DR.

Acushnet :

Frank C. Bennett	\$157.49
C. F. Chase	120.38
George W. Dexter	2.75
C. L. Dunham	15.50
Thomas Herson & Co.	8.80
Kern & Wright	7.60
John F. Parker	9.00
A. W. Perkins & Co.	20.20
F. E. Washburn	2.00
Herbert L. Weeks	641.10
William R. West	9.72
	\$994.54

Acushnet Avenue :

Babbitt, Wood & Co.	\$17.20
Michael Goggin	29.10
John J. Meaney	69.38
T. J. Moriarty	55.85
William H. Nelson	14.25
John V. O'Neil	215.53
E. F. Penney	.40
James H. Warren	90.00
J. W. Welch	18.45
	510.16

I. W. Benjamin :

Highways and streets	\$19.86
Joseph S. Lewis, Jr.	50.60
T. J. Moriarty	2.85

N. B. Water Works	10.53
E. F. Penney	33.37
Abram L. Teachman	9.51
James H. Warren	150.00
Wood, Brightman & Co.	12 10 288.82
 Cannonville :	
Frank B. Sistare	\$14.18 14.18
 Cedar Street :	
P. Black	\$5.67
John H. Ennis	57.50
N. B. Boiler & Machine Co.	10.71
E. A. Remington	28.13
John H. Ryan	10.95
Frank B. Sistare	20.88
James T. Tinkham	7.96 141.80
 Cedar Grove Street :	
A. Bolduc	\$3.10
William D. Cotter	23.50
W. F. Desmond	.75
C. L. Dunham	113.80
L. Lloyd	34.75
F. O. Pollock	2.25
John B. Sullivan & Son	132.61
Louis Therrien	28.59
William R. West	47.96 387.31
 Clark Street :	
C. L. Dunham	\$86.28
N. B. Boiler & Machine Co.	23.74
William R. West	174.28 284 30
 J. H. Clifford :	
George A. Bosworth	15.33
W. F. Desmond	1.00
C. L. Dunham	10.81
Highways and streets	52.33
T. J. Moriarty	6.37
N. B. Boiler & Machine Co.	26.50
Charles E. Peirce	5.45
William R. West	283.13
James Wilkinson	1.50 402.42

Dartmouth Street :

John J. Meaney	\$377.26
T. J. Moriarty	2.74
William H. Nelson	23.85
John V. O'Neil	134.44
D. Poirier	71.24
	609.53

G. H. Dunbar :

William S. Brown	\$12.00
D. L. Hathaway & Son	4.35
Highways and streets	5.39
Kern & Wright	2.25
N. B. Boiler & Machine Co.	110.91
John V. O'Neil	1.76
Charles Thompson	40.14
Joseph C. Warren	7.00
Wood, Brightman & Co.	1.70
	185.50

Fifth Street :

Chace & Hirst	\$31.90
Jenney & Buffington	60.58
T. J. Moriarty	193.21
E. F. Penney	1.20
	286.89

Thomas A. Greene :

Babbitt, Wood & Co.	\$6.00
C. W. Chace & Co.	4.45
Jenney & Buffington	55.76
T. J. Moriarity	5.16
E. F. Penney	42.48
R. A. Sherman & Son	27.30
Wood, Brightman & Co.	2.75
	\$143.90

Harrington Memorial :

Babbitt, Wood & Co.	56.80
D. L. Hathaway & Son	268.28
Kern & Wright	19.40
N. B. Boiler & Machine Co.	2.33
N. B. Gas & Edison Light Co.	2.00
Antone Perry	13.10
Abram L. Teachman	26.10
James H. Warren	75.00
William R. West	4.00
Wood, Brightman & Co	263.02
	730.11

High :

William S. Brown	29.00
T. W. Chace & Co.	3.55
M. S. Greene	37.19
Joseph S. Lewis, Jr.	24.81
William Lowe	12.50
T. J. Moriarty	5.60
John V. O'Neil	27.77
George A. Wood	11.45
Wood, Brightman & Co.	1.58
	153.45

Sylvia Ann Howland :

T. W. Chace & Co.	15.51
Charles F. Chase	48.30
T. J. Moriarty	11.12
Charles E. Peirce	24.40
William H. Rankin	6.50
W. F. Sturtevant	18.05
Herbert L. Weeks	18.00
	141.88

R. C. Ingraham :

Fichtenmayer & Flynn	\$3.21
James Gordon	4.35
Highways and streets	2.02
John J. Meaney	17.22
T. J. Moriarty	136.57
N. B. Water Works	3.93
John V. O'Neil	153.96
Joseph L. Sylvia	34.70
William R. West	1.50
	357.46

H. A. Kempton :

Babbitt, Wood & Co.	\$12.18
Blossom Brothers	18.38
Charles F. Chase	7.87
E. R. Hathaway	4.75
Highways and streets	42.70
Charles E. Peirce	4.50
R. A. Sherman & Son	35.47
Herbert L. Weeks	3.50
J. W. Welch	14.10
C. F. Wing	13.33
	156.78

Linden Street:

C. L. Dunham	\$31.15
B. S. Shaw	16.18
William R. West	12.51
William Wright	22.55

82.34**Merrimac Street :**

J. E. Dionne	18.64
C. L. Dunham	8.94
William R. West	1.00

28.58**Middle Street :**

Fred M. Hammer	25.60
D. L. Hathaway & Son	5.65
Kern & Wright	10.49
Slocum & Kilburn	1.50
Wood, Brightman & Co.	28.48

71.72**North :**

George A. Cobb	2.50
George W. Dexter	2.75
H. G. Lawrence	2.20
E. F. Morton	11.00

18.45**Parker Street.**

George A. Bosworth	19.64
Antone Perry	14.81
William R. West	4.93

39.38**Plainville :**

Philip S. Hatch	3.00	3.00
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Phillips Avenue :

William S. Brown	11.00
J. E. Dionne	57.50
C. L. Dunham	2.79
General sewers	8.53
Slocum & Kilburn	1.65

81.47**Rockdale :**

T. W. Chace & Co.	8.19	8.19
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School Committee:

George K. Dammon	\$2.50
Thomas Hersom & Co.	1.50
John J. Meaney	50.35
John V. O'Neil	107.31
	161.66

W. H. Taylor :

John J. Meaney	\$19.08
T. J. Moriarty	40.07
Edward Murphy	367.13
N. B. Boiler & Machine Co.	10.45
John V. O'Neil	6.69
James H. Warren	85.00
	528.42

Thompson Street :

M. A. Hickey	\$43.28
John J. Meaney	10.23
T. J. Moriarty	25.47
John V. O'Neil	102.45
James H. Warren	75.00
	256.43

Mary B. White :

P. Black	\$4.08
J. W. Clifton	6.63
W. F. Desmond	2.25
C. L. Dunham	73.66
John H. Ennis	.75
E. F. Morton	42.85
William R. West	11.50
	141.67
	\$7,210.34

To transfer to balance

789.66**\$8,000.00**

Cr.

By appropriation **\$8,000.00**

REAL ESTATE TAX ACCOUNT.

DR.

December 2, 1901. To balance	<u>\$293.03</u>
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CR.

Receipts as per Treasurer's reports	<u>\$95.62</u>
December 1, 1902. Balance	<u>197.41</u>
	<u>\$293.03</u>

DR.

December 1, 1902. To balance	<u>\$197.41</u>
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SALARIES.

DR.

Charles S. Ashley, Mayor	<u>\$3000.00</u>
James H. Hathaway, City Treasurer and Collector of Taxes	<u>3000.00</u>
Daniel B. Leonard, City Clerk	<u>2,600.00</u>
William S. Cook, Assistant City Clerk	<u>567.83</u>
Charles J. McGurk, City Auditor	<u>1,600.00</u>
Benjamin B. Barney, City Solicitor	<u>1,500.00</u>
William E. Brownell, City Physician	<u>550.00</u>
Augustus D. Piper, City Messenger	<u>850.00</u>
Cornelius A. Webb, City Bell Ringer	<u>125.00</u>
John N. O'Brien, Sealer of Weights and Measures	<u>800.00</u>
Walter H. B. Remington, Clerk of Common Council	<u>300.00</u>
William B. Wood, Superintendent of City Clock	<u>75.00</u>
Charles H. Cragen, Harbor Master	<u>300.00</u>
Edmund O'Keefe, Inspector of Buildings	<u>1,800.00</u>
Daniel C. Ashley, Inspector of Animals, Milk, and Provisions	<u>1,200.00</u>
Daniel D. Briggs, Supervisor of Wires,	<u>300.00</u>
	<u>18,567.83</u>

AUDITOR'S REPORT.

Board of Aldermen :

Henry P. Jenney	100.00
Louis Z. Normandin	100.00
Charles H. Brownell	100.00
Charles H. Lawton	8.33
William E. Smith	91.67
George H. Hedge	100.00
Charles E. Ellis	8.33
Andrew P. Doyle	91.67
	600.00

Board of Assessors :

Thomas F. Healy	\$1,400.00
William F. Bannon	1,100.00
Horace Wood	1,100.00
	3,600.00

Board of Health :

William G. Kirschbaum	\$500.00
John T. Bullard	500.00
Manuel V. Sylvia	500.00
	1,500.00

Board of Registrars :

Charles T. Lnce	\$365.00
Willard N. Lane	365.00
Emanuel Sullavou	365.00
Daniel B. Leonard	300.00
	1,395.00

License Commission :

Frank M. Sparrow	\$300.00
Stephen D. Peirce	300.00
John O'Neil	300.00
	900.00
	<u>\$26,562.83</u>

Cr.

By appropriation	\$26,095.00
By transfer from unappropriated funds	467.83
	<u>\$26,562.83</u>

SCHOOLHOUSE, BLACKMER STREET.

Dr.

Benson & Bullman, contractors, extra work	<u>\$6,805.33</u>
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CR.

By transfer from unappropriated funds	<u>\$6,805.33</u>
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SCHOOLHOUSE, BLACKMER STREET, HEATING
AND VENTILATING.

DR.

A. A. Sanborn, contractor	\$500.00
December 1, 1902. To balance	500.00
	<u>\$1,000.00</u>

CR.

December 2, 1901. By balance	<u>\$1,000.00</u>
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CR.

December 1, 1902. By balance	<u>\$500.00</u>
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SCHOOLHOUSE, COGGESHALL STREET.

DR.

John B. Sullivan & Son, contractors, extra work	<u>\$8,540.76</u>
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CR.

By transfer from unappropriated funds	<u>\$8,540.76</u>
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SCHOOLHOUSE, COGGESHALL STREET,
HEATING AND VENTILATING.

DR.

A. A. Sanborn, contractor	\$500.00
December 1, 1902. To balance	500.00
	<u>\$1,000.00</u>

CR.

December 2, 1901. By balance	<u>\$1,000.00</u>
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CR.

December 1, 1902. Balance	<u>500.00</u>
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SCHOOLHOUSE, SHAWMUT AVENUE.

DR.

John B. Sullivan & Son, contractors, extra work	<u>\$4,483.83</u>
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CR.

By transfer from unappropriated funds	<u>\$4,483.83</u>
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SCHOOLHOUSE, SHAWMUT AVENUE,
HEATING AND VENTILATING.

DR.

Walworth Construction & Supply Co., contractors	<u>\$1,048.00</u>
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CR.

December 2, 1901. By balance	<u>\$1,048.00</u>
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SCHOOLHOUSE, SHAWMUT AVENUE,
CURBING, GRADING AND
SODDING.

DR.

John B. Sullivan & Son, contractors,	<u>\$6,041.00</u>
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CR.

By special appropriation	<u>\$6,041.00</u>
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SCHOOLHOUSE LOT, MORGAN ESTATE.

DR.

Elizabeth R. Hussey	\$60,000.00
To transfer to balance	1.00
	<u>\$60,001.00</u>

CR.

By special appropriation	<u>\$60,001.00</u>
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SEWERS, GENERAL ACCOUNT.

DR.

Pay rolls	\$11,235.50
E. Anthony & Sons, advertising	1.50
Babbitt, Wood & Co., boiler repairs	13.83
Bliss & Nye, brushes	.70
Lorenzo Burge, Hayes & Co., boiler insurance	100.00
Cornelius Callahan Co., hose and expanders	425.00
Chapman Valve Mfg. Co., repairs	6.20
A. E. Coffin Press, printed postals	7.00
DeWolf & Vincent, tools	16.17
George A. Eggers, explosives	258.86
Edson Mfg. Co., clamps and sockets	7.82
Edson Mfg. Co., hose and couplings	64.50
Fairhaven Iron Foundry Co., castings	449.67
Fire department, hose	16.00
James B Hamlin, plank	57.48
T. M. Hart & Co., canvas	40.58
H. H. Harvey, drills	73.50
Hatch & Co., express	2.15
George E. Hatch, cans	8.52
W. E. Hathaway, bags	.60

Highways and streets, janitor service	58.18
Highways and streets, office expenses	400.74
Highways and streets, registration clerk	69.74
Highways and streets, stock, labor and teaming	2940.59
Ingersoll; Sergeant Drill Co., valve buffers	.90
Charles F. Lawton, supt., travelling expenses	8.70
Milton H. Leonard, M. D., services	43.00
S. C. Lowe, tools	149.75
S. C. Lowe Supply Co., tools	20.25
Mercury Publishing Co., advertising	1.59
N. B. Cordage Co., rope	16.02
N. B. Water Works, water for flushing	45.00
N. Y., N. H. & H. R. R. Co., freight	2.42
S. S. Paine & Brother, brick, cement, flag and pipe	4,572.30
Charles S. Paisler, brick and pipe	2,187.52
A. W. Perkins & Co., truck hire	2.00
Perrin, Seamans & Co., braces	40.80
J. C. da S. Pitta, M. D., services	14.00
C. G. & G. A. Randall, lumber	126.70
W. H. Rankin, pump repairs	29.15
Slocum & Kilburn, packing	1.10
So. Mass. Telephone Co., tolls	.65
Job Sweet, services	56.00
Frank S. Tripp, labor	2.10
Welsbach Street Lighting Co., damages	2.75
Wood, Brightman & Co., rings and screws	29.09
Wood, Brightman & Co., hose	30.00
	12,401.12
To transfer to balance	\$23,636.62
	5,209.36
	<u>\$28,845.98</u>

CR.

By appropriation	\$12,000.00
By special appropriation	5,000.00
Receipts as per Treasurer's reports	11,815.98

**SEWER, BAY AND DARTMOUTH STREETS,
TO ORCHARD STREET.**

Dr.

Pay rolls	\$202.71
General sewers	\$79.86
Highways and streets	17.18
	97.04
	<hr/>
December 1, 1902. To balance	\$299.75
	200 25
	<hr/>
	\$500 00

Cr.

By special appropriation	\$500 00
	<hr/>

Cr.

December 1, 1902. Balance	\$200.25
	<hr/>

**SEWER, BRIGGS STREET, FROM RIVET
STREET TO THOMPSON STREET.**

Dr.

Pay rolls	\$262.81
General sewers	\$117.69
Highways and streets	63.68
	181.37
	<hr/>
To transfer, sewer Liberty street	\$84.02
" " " Weld "	171.80
	255.82
	<hr/>
	\$700.00

Cr.

By transfer from unappropriated funds	\$700.00
	<hr/>

SEWER, CHEPACHET STREET, FROM KEMPTON STREET TO COURT STREET TO CONNECT WITH SEWER IN PALMER STREET.

CR.	
By special appropriation	<u>\$3,599 00</u>

CR.	
December 1, 1902. Balance	<u>\$3,599 00</u>

SEWER, CLEVELAND STREET, FROM RUTH STREET TO DAVID STREET.

DR.	
Pay rolls	<u>\$449.75</u>
General sewers	<u>\$214.96</u>
Highways and streets	<u>22.95</u>
C. G. & G. A. Randall	<u>20.16</u>
	<u>258.07</u>
December 1, 1902. To balance	<u>707.82</u>
	<u>92.18</u>
	<u>\$800.00</u>

CR.	
By special appropriation	<u>800.00</u>

CR.	
December 1, 1902. Balance	<u>\$92.18</u>

**SEWER, DAVIS STREET, EAST OF BOWDITCH
STREET TO CHURCH STREET.**

DR.

Pay rolls	\$1,672.05
David Duff & Son	\$12.81
General sewers	392.94
Highways and streets	248.83
N. B. Water Works	2.39
S. S. Paine & Brother	10.80
	667.77
	<hr/>
To transfer to balance	\$2,339.82
	<hr/>
	660.18
	<hr/>
	\$3,000.00

CR.

By special appropriations	\$3,000.00
	<hr/>

**SEWER, HEMLOCK STREET, FROM THOMPSON
STREET SOUTH, No. 1.**

DR.

Pay rolls	\$206.79
General sewers	\$98.69
Highways and streets	23.69
	122.38
	<hr/>
To transfer to sewer, Liberty street	\$320.17
	<hr/>
	120.88
	<hr/>
	\$450.00

CR.

By transfer from unappropriated funds	\$450.00
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**SEWER, HEMLOCK STREET, NORTH OF
THOMPSON STREET, NO 2.**

DR.

Pay rolls	167.81
General sewers	\$44.11
Highways and streets	15.97
S. S. Paine & Brother	32.40
	<u>92.48</u>
To transfer to balance	260.29
	<u>39.71</u>
	\$300.00

CR.

By special appropriation	\$300.00
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SEWER, LIBERTY STREET.

DR.

Pay rolls	\$1,491.41
General sewers	\$895.11
Highways and streets	269.78
S. S. Paine & Brother	256.00
C. G. & G. A. Randall	155.23
	<u>1,576.12</u>
	<u>3,067.53</u>

CR.

December 2, 1901. By balance	\$2,200.00
By transfer from sewer, Briggs street	84.02
By transfer from sewer, Hemlock street, No. 1	120.83
By transfer from sewer, Peckham street	235.16
By transfer from sewer, Phillips avenue, No. 1	99.43
By transfer from sewer, Tinkham street	328.09
	<u>\$3,067.53</u>

**SEWER, NORTH STREET, FROM FLORENCE
STREET TO BEACH STREET.**

DR.

Pay rolls	\$554.97
General sewers	212.58
Highways and streets	41.75
	<hr/>
To transfer to balance	\$809.30
	<hr/>
	290.70
	<hr/>
	\$1,100.00

CR.

By special appropriation	\$1,100.00
	<hr/>

**SEWER, PECKHAM STREET, FROM REYNOLDS
STREET TO MYRTLE STREET.**

DR.

Pay rolls	\$556.19
General sewers	169.52
Highways and streets	39.13
	<hr/>
To transfer to sewer, Liberty street	\$764.84
	<hr/>
	235.16
	<hr/>
	\$1,000.00

CR.

By special appropriation	\$1,000.00
	<hr/>

SEWER, PHILLIPS AVENUE, ACUSHNET AVENUE TO BELLEVILLE AVENUE, NO. 1.

DR.

Pay rolls	\$3,107.08
General sewers	810.58
F. Hamel	1 60
Highways and streets	190.72
C. G. & G. A. Randall	130.40
	<u>1,133.30</u>
	<u>4,240.38</u>
To transfer to sewer Liberty Street	99.43
To transfer, to balance	1,060.19
	<u>1,159.62</u>
	<u>5,400.00</u>

CR.

By special appropriation	<u>\$5,400.00</u>
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SEWER, PHILLIPS AVENUE, FROM BOWDITCH STREET WESTERLY, NO. 2.

DR.

To transfer to balance	<u>\$1,000.00</u>
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CR.

By special appropriation	<u>\$1000.00</u>
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**SEWER, RUTH STREET, BETWEEN CLEVELAND
STREET AND EAST FRENCH AVENUE.**

DR.

Pay rolls	\$626.29
General sewers	\$357.89
Highways and streets	52.43
C. G. & G. A. Randall	20.40
	<u>430.72</u>
	<u>\$1,057.01</u>
To transfer to balance	142.99
	<u><u>\$1,200.00</u></u>

CR.

By special appropriation	<u>\$1,200.00</u>
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**SEWER, TINKHAM AND FRONT STREETS,
HATHAWAY STREET TO ACUSH-
NET AVENUE.**

DR.

Pay rolls	\$683.95
Bertha F. Carl, M. D.	\$2.00
General sewers	146.26
Highways and streets	39.70
	<u>187.96</u>
To transfer to sewer, Liberty street	<u><u>\$871.91</u></u>
	<u>328.09</u>
	<u><u>\$1,200.00</u></u>

CR.

By special appropriation	<u>\$1,200.00</u>
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**SEWER, TRINITY STREET, BETWEEN BULL-
LOCK STREET AND SHAWMUT AVENUE.**

DR.	
Pay rolls	<u>\$352.00</u>
General sewers	<u>\$153.66</u>
Highways and streets	<u>46.00</u>
	<u>199.66</u>
	<u>551.66</u>
To transfer to balance	<u>248.34</u>
	<u><u>\$800.00</u></u>

CR.	
By special appropriation	<u><u>\$800.00</u></u>

**SEWER SOUTH WATER STREET, ENLARGING
BETWEEN CANNON AND COFFIN STREETS.**

DR.	
Pay rolls	<u>\$784.36</u>
Francis T. Akin	<u>5.58</u>
General sewers	<u>558.96</u>
Greene & Wood	<u>.40</u>
George E. Hatch	<u>2.67</u>
Highways and streets	<u>335.01</u>
N. B. Boiler and Machine Co.	<u>5.41</u>
N. B. Foundry & Machine Co.	<u>.20</u>
N. B. Water Works	<u>3.08</u>
S. S. Paine & Brother	<u>163.20</u>
	<u>1,074.51</u>
	<u><u>\$1,858.87</u></u>

CR.	
By special appropriation	<u>1,500.00</u>
By transfer to balance	<u>358.87</u>
	<u><u>1,858.87</u></u>

**SEWER, WELD STREET, FROM PURCHASE
STREET TO STATE STREET.**

Dr.

Pay rolls	\$1,430.27
Clement Benjamin	\$6.17
General sewers	585.20
Highways and streets	250.16
	841.53
	<u>\$2,271.80</u>

Cr.

By special appropriations	\$2,100.00
By transfer from sewer, Briggs street	171.80
	<u>\$2,271.80</u>

**SEWER, WILLARD AND VALENTINE STREETS,
TO CONNECT WITH THE SEWER
IN DUDLEY STREET.**

Dr.

Pay rolls	\$1,667.65
General sewers	\$121.41
Highways and streets	210.01
S. S. Paine & Brother	417.46
Charles S. Paisler	205.82
E. F. Fenney	2.38
	1,257.08
To transfer to balance	<u>\$2,924.73</u>
	675.27
	<u>\$3,600.00</u>

Cr.

By special appropriation	\$3,600.00
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AUDITOR'S REPORT.

**SEWER, WOODLAWN STREET, FROM BROCK
AVENUE TO WEST FRENCH AVENUE, TO
CONNECT WITH SEWER IN
DUDLEY STREET.**

Dr.

Pay rolls	\$1,395.24
General sewers	440.47
Highways and streets	120.76
Charles S. Paisler	106.03
E. F. Penney	1.85
	<hr/>
To transfer to balance	2,064.35
	<hr/>
	\$335.65
	<hr/>
	2,400.00

Cr.

By special appropriation	<hr/> <u>2,400.00</u>
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SINKING FUNDS.**Dr.**

Commissioners of Sinking Funds	<hr/> <u>\$108,416.30</u>
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Cr.

By appropriation	<hr/> <u>\$96,279.70</u>
Receipts as per Treasurer's report	<hr/> <u>12,136.60</u>

TEMPORARY LOAN.

DR.

Loring, Tolman & Tupper	\$250,000.00
National Shawmut Bank	150,000.00
New Bedford Five Cents Savings Bank	675,000.00
New Bedford Institution for Savings	200,000.00
Rogers, Newman & Tolman	100,000.00
December 1, 1902. To balance	<u>\$1,375,000.00</u> 400,000.00
	<u>\$1,775,000.00</u>

CR.

December 2, 1901. By balance	\$475,000.00
Rceipts as per Treasurer's reports	1,300,000.00
	<u>\$1,775,000.00</u>

CR.

December 1, 1902. Balance	\$400,000.00
<hr/>	

NEW BEDFORD TEXTILE SCHOOL.

DR.

Isaac B. Tompkins, Jr., Treasurer	<u>\$7,000.00</u>
<hr/>	

CR.

By special appropriation	<u>\$7,000.00</u>
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TRUST FUNDS.

CR.

BY SYLVIA ANN HOWLAND FREE PUBLIC LIBRARY FUND:

One-half of the bequest of Sylvia Ann Howland for the support of liberal education and Free Public Library, \$50,000.00

BY SYLVIA ANN HOWLAND EDUCATIONAL FUND:

One-half of the bequest of Sylvia Ann Howland for the support of liberal education and Free Public Library, 50,000.00

BY GEORGE HOWLAND, JR., FUND:

Donation to Free Public Library, 1,600.00

BY CHARLES W. MORGAN FUND:

Bequest to Free Public Library, 1,000.00

BY OLIVER CROCKER FUND:

Bequest to Free Public Library, 1,000.00

By James B. CONGDON FUND:

Donation to Free Public Library 500.00

BY JONATHAN BOURNE PRIZE FUND:

Donation to School Committee \$1,000.00

BY GEORGE O. CROCKER FUND:

Bequest to Free Public Library, 10,000.00

BY Elizabeth T. WOOD:

Bequest to Free Public Library, 2,000.00

117,100.00

UNAPPROPRIATED FUNDS.

DR.

To transfer to :

Appropriations, general, 1898	\$10,153.01
" " 1897	16,433.14
" special, 1902	1,122.37
" " 1901	98,571.55
Armories and military property	3.46
Board of Health	964.82
" " contagious diseases	1,221.32
City Property	3,139.42
" " special committee	1,500.00
Com. Mass., soldiers' relief, C. 79, R. L.	3,007.23
Court judgments	4,364.60
Elections	170.01
Engineering department	300.00
Incidentals	397.23
" Memorial Day	850.00
Land damages, Reynolds street	600.00
Plans, etc., new school buildings	2,275.57
Printing, binding and stationery	520.39
Public baths, improvements	110.61
Salaries	467.83
Schoolhouse, Blackmer street, extras	6,805.33
" Coggeshall street, extras	8,540.76
" Shawmut avenue, extras	4,483.83
Sewer, Briggs street	700.00
" Hemlock street No. 1	450.00
" South Water street	358.87
	\$167,511.35

CR.

Receipts as per Treasurer's reports	\$128,014.39
By department transfers	39,496.96

**WOMEN'S WARD AND HOSPITAL AT THE
CITY ALMSHOUSE, CONSTRUCTION.**

DR.	
Dolphis Poirier, contractor	\$7,963.01
December 1, 1902. To balance	<u>4,011 99</u>
	<u>\$11,975.00</u>
CR.	
December 2, 1901. By balance	<u>\$11,975.00</u>
CR.	
December 1, 1902. Balance	<u>\$4,011.99</u>

**WOMEN'S WARD AND HOSPITAL AT THE
CITY ALMLHOUSE, HEATING
AND VENTILATING.**

DR.	
A. A. Sanborn, contractor	\$1,500.00
December 1, 1902. To balance	<u>1,173 00</u>
	<u>\$2,673.00</u>
CR.	
December 2, 1901. By balance	<u>\$2,673.00</u>
CR.	
December 1, 1902. Balance	<u>\$1,173.00</u>

BALANCE OF PUBLIC PROPERTY.

DR.

To bonds issued	\$293,000.00
December 1, 1902. To balance	<u>1,990,033.42</u>
	<u>\$2,283,033.42</u>

CR.

December 2, 1901. By balance	\$2,007,455.83
Bonds paid	90,000.00
Public property, other than water works	66,888.00
Public property, N. B. Water Works, further supply	143.00
Sinking Fund Commissioners	118,746.59
	<u>\$2,283,033.42</u>

CR.

December 1, 1902. Balance	<u>\$1,990,033.42</u>
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PUBLIC PROPERTY.

DR.

December 2, 1901. To balance	\$4,887,803.00
Increase in valuation over 1901	66,831.00
	<u>\$4,954,634.00</u>

DR.

December 1, 1902. To balance	<u>\$4,954,634.00</u>
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SINKING FUND COMMISSIONERS.

DR.

December 2, 1901. To balance	\$925,652.83
Increase in funds over 1901	118,746.59

DR.

December 1, 1902. To balance	\$1,044,399.42
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BONDS.

DR.

Bonds paid	\$90,000.00
December 1, 1902. To balance	3,909,000.00

CR.

December 2, 1901. By balance	\$3,706,000.00
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CR.

December 1, 1902. Balance	\$3,909,000.00
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INTEREST PAYABLE IN 1903 ON THE BONDED
DEBT.

\$70,000.00 Water bonds at 7 per cent.	\$4,900.00
100,000.00 Water Bonds at 6 per cent.	6,000.00
40,000.00 Water bonds at 5 per cent.	2,000.00
1,340,000.00 Water bonds at 4 per cent.	53,600.00
48,000.00 Water bonds at 3½ per cent.	1,680.00
100,000.00 Improvement bonds at 6 per cent.	6,000.00
285,000.00 Improvement bonds at 4 per cent.	11,400.00
162,000.00 Improvement bonds at 4 per cent., 6 months	3,240.00
340,000.00 Improvement bonds at 3½ per cent.	11,900.00
80,000.00 Improvement bonds at 3¼ per cent., 6 months	1,400.00
128,000.00 Schoolhouse bonds at 4 per cent.	5,120.00
387,000.00 Schoolhouse bonds at 3½ per cent.	13,545.00
120,000.00 Schoolhouse bonds at 3½ per cent., 6 months	2,100.00
550,000.00 Sewer bonds at 4 per cent.	22,000.00
173,000.00 Sewer bonds at 3½ per cent.	6,055.00
100,000.00 Park bonds at 4 per cent.	4,000.00
28,000.00 Park bonds at 3½ per cent.	980.00
52,000.00 Wharf bonds at 4 per cent.	2,080.00
<hr/> \$4,103,000.00	<hr/> \$158,000.00

AUDITOR'S REPORT.

**BONDS OF THE
TITLES, RATES, AMOUNTS DUE**

Due.	Water 7s.	Water 6s.	Water 5s.	Water 4s.	Water 3½s.	Improve- ment 6s.	Improve- ment 4s.
1903	\$10,000					\$10,000	\$162,000
1904	10,000		\$20,000			10,000	113,000
1905	10,000	\$20,000	20,000			10,000	
1906	10,000	20,000				10,000	
1907	10,000	20,000				10,000	172,000
1908	10,000	20,000				10,000	
1909	10,000	20,000				12,000	
1910						28,000	
1911							
1912							
1913							
1914							
1917							
1918					\$20,000		
1919							
1920							
1922					320,000		
1924							
1925							
1926					400,000		
1927					600,000		
1928							
1929							
1930						\$18,000	
1932							
1942							
1951							
	\$70,000	\$100,000	\$10,000	\$1,310,000	\$18,000	\$100,000	\$447,000

Overdue bonds unpresented:

1894. Improvement 6s	\$1,000.00
1898. " "	5,000.00
	<hr/>
	\$6,000.00

CITY OF NEW BEDFORD.
ANNUALLY AND TOTALS.

Improvement 8½s.	Sch. house and other public buildings 4s.	Sch. house and other public buildings 8½s.	Sewers 4s.	Sewers 8½s.	Park Loan 4s.	Park Loan 8½s.	Wharf 4s.
\$62,000			\$35,000	\$60,000			
108,000			43,000	15,000			
			48,000				
			57,000				
170,000			100,000				
			108,000				
			32,000				
	\$128,000						
		\$92,000					
		30,000					
		65,000					
		200,000					
			58,000				
			69,000				
				35,000			
				33,000			
				30,000			
					\$100,000		
						\$28,000	
\$340,000	\$128,000	\$387,000	\$550,000	\$173,000	\$100,000	\$28,000	\$52,000

Total bonded debt, including overdue
unpresented bonds \$3,909,000.00

The Following Table Shows the Amount of Taxes Levied in This City Since 1883; and the Rate Per Thousand, for State, County and City Purposes; also the Number of Polls.

Year.	Valuation of Real Estate.	Valuation of Personal Property.	State Tax.	County Tax.	City Tax.	Overlay.	No. of Polls.	Rate of Tax.
1883	\$15,109,300	\$15,180,305.00	\$25,770	\$29,466.95	\$152,400	\$16,614.41	7,694	\$16.80
1884	15,635,900	15,718,182.00	34,360	26,668.72	462,700	13,031.04	8,141	16.60
1885	16,293,800	16,104,090.00	27,770	27,356.60	557,950	17,029.11	8,349	16.30
1886	16,778,900	15,416,695.50	27,015	33,883.77	456,300	15,328.18	8,689	16.00
1887	17,372,600	15,309,698.00	40,522 $\frac{1}{2}$	38,485.28	489,700	18,075.60	9,056	17.40
1888	18,023,700	15,430,647.00	40,522 $\frac{1}{2}$	41,274.10	486,411	19,364.29	9,424	17.00
1889	18,928,000	15,718,866.00	34,700	51,476.17	608,600	17,642.91	9,972	17.10
1890	20,041,700	16,829,154.00	30,362 $\frac{1}{2}$	50,632.30	719,300	22,120.12	10,710	16.30
1891	20,959,300	17,539,643.00	26,025	47,819.40	650,200	26,134.37	11,160	16.30
1892	22,094,300	18,179,813.00	31,377	51,410.26	606,700	27,976.38	11,861	17.30
1893	25,344,300	19,130,738.00	44,826	67,699.11	673,689	28,077.05	12,988	17.50
1894	31,835,500	19,599,425.00	35,860	67,796.46	699,176	25,711.57	13,080	15.60
1895	31,984,150	20,658,600.00	30,915	78,760.33	698,545	31,077.76	14,300	15.40
1896	33,920,700	22,360,417.00	36,067 $\frac{1}{2}$	85,061.14	745,800	30,750.66	15,476	15.40
1897	35,595,800	22,575,978.00	36,067 $\frac{1}{2}$	63,008.25	840,239	34,002.38	16,487	16.20
1898	35,871,525	21,480,801.00	31,905	115,007.61	943,251	41,693.30	16,348	19.20
1899	35,558,755	20,548,663.00	31,905	95,939.60	939,635	40,378.38	15,248	19.20
1900	35,762,290	22,122,162.50	31,905	93,922.80	909,343	16,346.49	16,876	17.60
1901	36,170,900	23,725,150.00	34,685	89,306.99	976,099	26,905.41	16,303	17.40
1902	37,051,000	25,610,800.00	36,341	94,604.46	1,018,772	12,761.05	16,952	17.40

Average tax rate for 20 years, \$16.90.

**CITY OF NEW BEDFORD,
IN COMMITTEE ON FINANCE,
March 20, 1903.**

The sub-committee appointed to appraise the city property, and to prepare a schedule of the same, respectfully reports as follows:

Armories and Military Property :

Rifle range, Tarkiln hill	\$2,000.00
Two brass field pieces	1,300.00

\$3,300.00

Board of Assessors :

Sundries as per inventory	1,300.00
	1,300.000

Board of Health :

Small pox hospital	1,000.00
Old almshouse and outbuildings	1,500.00
Furniture in hospital	1,000.00
Office furniture, fumigators, etc.	850.00
New ambulance	210 00

4,560.00

Cemetery Board :

Oak Grove cemetery	40,830.00
Pine Grove cemetery	800.00
Rural cemetery	132,858.00
Receiving tomb, Rural cemetery	5,267.00
Old burying ground, South Second street	9,586.00
Sundries as per inventory	5,010.00

194,351.00

Department of Wharves :

Rotch's wharf	22,000.00
Taber's wharf	30,000.00

52,000.00

Engineering Department :

Sundries as per inventory	2,550.00
	2,550 00

Fire Department:

No. 1, Engine house and lot, Purchase st.	13,590.00
No. 2, " " " " Purchase st.	21,220.00
No. 4, " " " " Bedford st.	16,009.00
No. 5, " " " " Hillman st.	33,570.00
No. 6, " " " " Fourth st.	13,000.00
No. 7, " " " " Durfee st.	16,966.00
No. 8, " " " " Acush. ave.	26,410.00
No. 9, " " " " Acush. ave.	1,200.00
Steam fire engine No. 1	3,000.00
" " " " 2	3,000.00
" " " " 4	3,000.00
" " " " 5	3,500.00
" " " " 6	3,000.00
" " " " 7	3,300.00
" " " " 8	3,500.00
" " " Reserve	3,500.00
Chemical wagon	1,750.00
Nine hose wagons	3,800.00
Hand Engine No. 9	500.00
Hook and ladder truck, No. 1	3,200.00
" " " " No. 2	3,000.00
" " " " No. 3	3,000.00
" " " " Old	500.00
Eighteen thousand feet of hose	9,000.00
Ten wagons	3,000.00
Forty-five horses and harnesses	9,000.00
Fire alarm telegraph system	20,000.00
Sundries	2,500.00
	227,015.00

Free Public Library:

Land and building	131,839.00
Books, etc., in library	60,000.00
Furniture and fixtures in city offices	1,500.00

New Bedford Water Works:

Old plant	1,200,000.00
Cost of works for further supply	1,317,201.00

Park Commission:

Buttonwood Park	32,665.00
Brooklawn Park	31,450.00
City Common	85,000.00

Grove Park	8,826.00
Hazlewood Park	28,000.00
Triangle Park	600.00
Sundries as per inventory	8,800.00

Police Department :

Police station, Blackmer street	13,504.00
" " Kempton street	22,603.00
" " South Second street	15,700.00
" " Weld street	12,158.00
" " Willis street	8,043.00
Police stable, South Second street	4,368.00
Police signal system	7,500.00
Horses, carriages and harnesses	1,635.00
Sundries as per inventory	1,774.00

82,285.00

Poor Department :

Almshouse, outbuildings and land	98,000.00
Furniture and fixtures in almshouse	2,550.00
Farming and mechanics' tools	50.00
Tedders, horse rakes, spreaders, etc.	250.00
Carts, carriages, gears, etc.	635.00
Horses, cattle, swine and poultry	1,990.00
Hay, grain and provisions	1,620.00
Wood and coal shed, North and Second streets	3,000.00
Wood and coal in shed	75.00

108,170.00

Public buildings, land, etc.:

Bathing houses, East French avenue	2,000.00
Building and land, High and Foster streets	2,000.00
City Hall and land	141,466.00
Land, Hillman, Lindsey and North streets	6,764.00
Land, foot of Howland street	4,500.00
Land, Kempton and Reed streets	2,257.00
Land, Rockdale avenue and Kempton street	113.00
South pound lot	800.00
Ward room and land, Fourth street	1,400.00
Ward room and land, Rivet and Briggs streets	2,350.00
Old police station, West Mill street	100.00
Standard weights and measures	500.00

164,250.00

Public schools, land and buildings:

Acushnet	7,500.00
Acushnet avenue	49,966.00
Blackmer street	88,157.00
Brock avenue,	44,977.00
Cannonville	1,665.00
Cedar street	7,063.00
Cedar Grove street	35,932.00
Clark street	37,847.00
Coggeshall street	84,525.00
Dartmouth street	17,106.00
Division street	33,875.00
Dunbar street	45,087.00
Fifth street	35,898.00
Court street	54,503.00
Kempton street	66,100.00
Linden street	2,684.00
Madison street	66,089.00
Maxfield street	25,068.00
Merrimac street	18,118.00
Middle street	35,035.00
Parker street	86,379.00
Phillips avenue	47,561.00
Plainville	1,000.00
Rockdale	1,254.00
Shawmut avenue	51,819.00
Summer street	113,388.00
North	2,000.00
Thompson street	37,800.00
Union Truant	1,500.00
William street	5,191.00 \$1,104,032.00

Street and Sewer Department:

City stables and lot	45,400.00
Sundries as per inventory	53,740.00

99,140.00

Street Light Department:

Lamp posts	5,800.00	5,800.00	\$4,594,634.00
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RECAPITULATION.

Armories and military property	\$3,300.00
Board of Assessors	1,300.00
Board of Health	4,560.00
Cemetery Board	194,351.00
Department of Wharves	52,000.00
Engineering Department	2,550.00
Fire Department	227,015.00
Free Public Library	193,339.00
New Bedford Water Works	2,517,201.00
Park Commission	195,841.00
Police Department	82,285.00
Poor Department	108,170.00
Public buildings, land, etc.	164,250.00
Public schools, land and buildings	1,104,032.00
Street and Sewer Departments	99,140.00
Street Light Department	5,800.00
	<u>\$1,954,634.00</u>

FRANCIS P. WASHBURN,
CHAS. W. JONES,
WILLIAM K. LEES,
Committee.

TRIAL BALANCE, CITY AUDITOR.

DECEMBER 1, 1902.

DR.

Appropriations, general, 1902	\$67,144.15
" " 1901	5,097.12
" special, 1902	362,814.89
City Treasurer, balance of cash	64,627.29
Com. of Mass., burial of soldiers	371.75
" military aid	1,559.66
" state aid	11,048.03
Real estate tax account	197.41
Public property	4,954,634.00
Sinking funds	1,044,309.42
	<u>\$6,511,888.72</u>

CR.

Almshouse, kitchen addition	\$2281.44
Balance of public property	1,990,033.42
Bonds	3,909,000.00
Cemeteries, sale of lots	864.20
Cemetery funds	26,734.93
City property, portable schools	5,700.00
" " special committee	1,479.05
Coggeshall Street bridge, repairs	5,500.00
Department of Wharves	2,649.05
Engineering, tides investigation	1,027.20
Free Public Library, dog fund	2,162.29
Free Public Library, trustees of :	
James B. Congdon fund	157.66
George O. Crocker fund	74.49
Oliver Crocker fund	219.06
George Howland, Jr., fund	222.43
Sylvia Ann Howland fund	776.10
Charles W. Morgan fund	226.24
Charles L. Wood fund	288.18
Reading rooms fund	140.66

Land damages, Acushnet avenue, No. 4	1,582.92
" " layout of Linden court	300.00
" " Reynolds street	600.00
N. B. School Committee, Howland fund	1,531.68
N. B. Water Works	20,584.46
" " further water supply	3,178.40
Parker street school alterations	1,067.60
" " heating, etc.	1,163.00
" " refurnishing	2,380.33
Public schools, dog fund	2,797.51
Schoolhouse, Blackmer street, heating, etc.	500.00
" " Coggeshall street	500.00
Sewer, Bay and Dartmouth streets	200.25
" Chepachet street	8,599.00
" Cleveland street	92.18
Temporary loan	400,000.00
Trust funds	117,100.00
Womens' ward and hospital, construction	4,011.99
" " " heating, etc.	1,173.00
	<u>\$6,511,888.72</u>

We have examined the foregoing and find the same correct:

WM. E. SMITH,
ROBERT L. BAYLIES,
JOSEPH L. GIBBS.

Sub-committee of the Joint Standing Committee on Finance, appointed to examine the books and accounts of the City Treasurer and the City Auditor.

Approved:

HENRY P. JENNEY,
CHAS. H. BROWNELL,
FRANK CROACHER,
MANUEL A. ANDREWS,
CHARLES S. COOMBS,
Committee on Audit.

IN BOARD OF ALDERMEN,
April 23, 1903.

Received, ordered printed in the City Documents and
sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,
April 23, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

ANNUAL REPORT

OF THE

COLLECTOR OF TAXES

FOR THE YEAR 1902.

STATEMENT

OF THE

COLLECTOR OF TAXES.

CITY OF NEW BEDFORD, MASS.,
COLLECTOR'S OFFICE,
December 1, 1902.

To the City Council of the City of New Bedford:

GENTLEMEN:—Herewith I present to you my account as Collector of Taxes of the City of New Bedford for the year ending at this date, including also, an account of the receipts from the Commonwealth of Massachusetts for Corporation and other taxes.

Respectfully submitted,

JAMES H. HATHAWAY, Collector of Taxes.

STATEMENT FOR THE YEARS 1900 AND 1901.

YEARS.	UNPAID DEC. 2, 1901.	PAID AND REMITTED.	UNPAID DEC. 1, 1902.
1900	\$21,697.16	\$16,847.32	\$4,849.84
1901	74,451.35	53,163.28	21,288.07
	\$96,148.51	\$70,010.60	\$26,137.91

TAXES OF 1902.

CHARGES.

State tax	\$29,730.00
State tax, Armories	6,611.30
County tax	94,604.46
City appropriations,	1,018,772.70
Overlay	12,761.05
	\$1,162,479.51

PAYMENTS.

State Treasurer, State tax	\$29,730.00
Same, Armories	6,611.30
County Treasurer, County tax	94,604.46
City Treasurer, City appropriations	911,628.55
Same part of corporation taxes	40,000.00
Abatements by the Assessors	9,059.36
Balance unpaid taxes Dec. 1, 1902	70,845.84
	\$1,162,479.51

About 93 $\frac{7}{10}$ per cent. of the tax levy of 1902 has been collected to this date.

Total number of poll taxes for 1902	17,500
Collected	14,206
Unpaid at this date,	3,294

Of the taxes of 1900, but \$4,849.84 remains unpaid, less than one half of one per cent. of the total levy for that year, (\$1,050,516.36), a large proportion of which is for poll taxes to parties who are unable to contribute, or in some cases to those who are not to be found.

The balance of the appropriations for 1900, (\$11,847.32), have been provided for from the taxes of that year, and \$5,352.77 collected in excess of that amount, which was placed to the credit of unappropriated funds.

Taxes of 1901 unpaid	\$21,288.07
Balance of appropriations per Auditor's account	5,097.12
Taxes of 1901 in excess of appropriations	16,190.95

The resident National Bank taxes collected and paid to the Commonwealth for 1902 was \$36,105.87, this was in addition to the amount assessed and collected for the City of New Bedford.

The amounts received from the State Treasurer for corporation and other taxes were as follows :—

Corporation taxes	\$68,430.68
National Bank taxes	2,927.75
Street Railway taxes	8,521.19
Tax on Foreign ships	101.06

Examined and found correct :—

WM. E. SMITH,
ROBERT L. BAYLIES,
JOSEPH L. GIBBS,

Sub-committee on Finance to examine Treasurer's and Auditor's Books.

IN BOARD OF ALDERMEN,
April 23, 1903.

Received, ordered printed in the City Documents and
sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,
April 23, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

ANNUAL REPORT

OF THE

CITY TREASURER

FOR THE YEAR 1902.

REPORT.

CITY OF NEW BEDFORD, MASS.,
TREASURER'S OFFICE,
December 1, 1902.

To the City Council of the City of New Bedford:

GENTLEMEN:—As required by the Ordinances of the City of New Bedford, I herewith present a statement of my accounts as City Treasurer for the financial year ending at this date.

Very respectfully yours,

JAMES H. HATHAWAY,
City Treasurer.

Receipts.

Balance, December 2, 1901	\$67,398.56
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APPROPRIATIONS GENERAL, 1902.

From Collector, taxes of 1902	\$911,628.55
State Treasurer, corporation taxes,	40,000.00
	\$951,628.55

APPROPRIATIONS GENERAL, 1901.

From Collector, taxes of 1901	50,849.30
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APPROPRIATIONS GENERAL, 1900.

From Collector, taxes of 1900	11,494.55
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APPROPRIATIONS GENERAL, 1898.

From Collector, taxes of 1898	3.84
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APPROPRIATIONS GENERAL, 1897.

From Collector, taxes of 1897	3.24
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ARMORIES AND MILITARY PROPERTY.

From Denison Brothers Co., bill in second audit,	19.00
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CEMETERY BOARD.

Received from sundry sources for care of lots:—

Oak Grove Cemetery	\$3,515.03
Rural Cemetery	4,611.39
Pine Grove Cemetery	296.82
St. Mary's Cemetery	4.00
Cemetery Funds, permanent care	1,511.72

New Bedford Five Cents Savings Bank:—

Oak Grove Cemetery	\$580.93
Rural Cemetery	275.49
Pine Grove Cemetery	5.50
Friends Cemetery	19.00
Peckham West Cemetery	7.50
St Lawrence Cemetery	6.00
St. Mary's Cemetery	2.00

New Bedford Institution for Savings :—

Oak Grove Cemetery	\$49.88
Rural Cemetery	48.05
Pine Grove Cemetery	2.00

\$2,507.77 \$10,935.01

CEMETERIES—SALE OF LOTS.

Received from sundry persons :—

Oak Grove Cemetery	\$1,806.00
Rural Cemetery	1,995.00
Pine Grove Cemetery	155.00

 3,956.00

COMMONWEALTH OF MASSACHUSETTS—CHAP. 79 OF 1903.

From State Treasurer, as follows :—

For burial of soldiers,	\$945.00
Military aid	1,295.23
State aid	<u>11,601.50</u>

 13,841.73

DEPARTMENT OF WHARVES.

Received from sundry sources, as follows :

Yacht Aria, water	\$20.00
Armour & Co., rent	5.00
James F. Avery, storage	15.00
Tug Boxer, water	6.00
Sch. A. C. Buckley, dockage, etc.	36.86
Cabin Club, rent	87.50
City Coal Co., wharfage	22.10
Tug Chautauqua, water	5.00
Cole Brothers, water	86.50
U. S. S. Dexter, water	51.00
David Duff & Son, wharfage	8.10
Sch. E. B. Conwell, dockage, etc.	55.00
E. P. Flanders, rent, etc.	6.00
Sch. Geneveive, dockage	15.00
Lot H. Gibbs, wharfage	69.90
Brig Harry Smith, wharfage, etc.	233.23
Sch. Horatio, wharfage	158.16
James L. Humphry, Jr., sale of land	1,352.00
Same, storage	80.00
Yacht Idalia, water	2.00
Steamer Inca, water	5.00
Yacht Indolant, water	16.00

Daniel Kelleher, rent	12.48
Brig Leonora, wharfage, etc.	80.80
Steamer Lexington, water	19.00
Sch. Liza Jane, wharfage	3.00
Sch. Lottie Beard, wharfage	159.44
Otis B. Luce, wharfage, etc.	195.00
Tug Mars, water	10.00
Thomas H. Mills & Co., rent	37.50
James F. Mosher, dockage	10.00
National Fertilizer Co., wharfage	5.50
Yacht Nerita, water	5.00
N. B. Cordage Co., wharfage	28.10
N. B. Fish Co., rent, etc.	\$410.00
N. B., M. V. & N. St. Co., dockage, etc.	225.62
N. B. Product Co., wharfage	21.10
Tug N. & W. No. 2, water	10.00
George L. Oliver, storage	8.34
Sch. Oliver Ames, dockage	8.00
Yacht Orianda, dockage	5.00
S. S. Paine & Brother, wharfage	84.25
C. S. Paisler, wharfage	24.40
Tug Patience, water	5.00
William F. Potter & Co., rent	860.92
Steamer Reba, water	9.00
R. P. Reed, wharfage	8.00
J. C. Rhodes & Co., Inc., sale of land	1,078.00
Same, piping, etc.	200.00
Tug Sea King, water	6.00
John B. Sherman, rent	18.00
B. F. Smith & Co., storage	60.00
N. C. Smith, wharfage	2.00
George B. Taber, dockage	6.00
Tug Teaser, water	5.00
A. S. Tripp, dockage	40.00
Sch. Viking, dockage	24.00
Yacht Wampanoag, water	2.00
Henry F. West, rent, etc.	100.00
Sch. W. A. Grover, water	25.00
J. & W. R. Wing & Co., rent	20.00
Highways and Streets, storage, etc.	500.00
N. B. Water Works, wharfage, etc.	73.85
	\$6,740.65

TREASURER'S REPORT.

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FIRE DEPARTMENT.

From F. Macy, Chief Engineer, sale of 5 horses,

	\$499.50
Almshouse, dressing	205.00
Cole Brothers, hose	3.00
Sewers, general	16.00

723.50

FREE PUBLIC LIBRARY—DOG FUND.

From County Treasurer, one-half of dog li-

censes	\$1,486.45
Same, additional	67.50

1,553.95

FREE PUBLIC LIBRARY—TRUSTEES ACCOUNT.

Interest on Trust Funds :—

James B. Congdon, gift	\$80.00
George O. Crocker, bequest	400.00
Oliver Crocker, bequest	60.00
George Howland, Jr., gift	96.00
Sylvia Ann Howland, bequest	3,000.00
Charles W. Morgan, bequest	60.00
Charles L. Wood, bequest	80.00
N. Y. Biographical Society, 2d audit	16.00
J. S. Rogers, 2d audit	5.00
University of Chicago, 2d audit	1.45

3,747.45

HIGHWAYS AND STREETS.

From sundry parties, stone, etc.

\$9,933.24

From sundry departments

22,445.43

From Street Railways, franchise

6,451.73

38,830.40

INCIDENTALS.

N. Y., N. H. & H. Railroad, 2d audit

20.00

LIGHTING THE STREETS.

Globe Gas Light Co., Boston, error in bill

136.50

NEW BEDFORD SCHOOL COMMITTEE—HOWLAND FUND.

Interest on Trust Funds :

Sylvia Ann Howland, bequest

3,000.00

NEW BEDFORD SCHOOL COMMITTEE—BOURNE FUND.

Interest on Educational Fund :

Jonathan Bourne, bequest	60.00
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NEW BEDFORD SCHOOL COMMITTEE—DOG FUND.

From County Treasurer, one-half of dog licenses	1,553.94
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NEW BEDFORD WATER WORKS.

From Water Registrar, as follows:

Fines		\$68.00
Fountains		6.00
High Hill Reservoir		124.43
Land, buildings, taxes, etc.		1,536.43
Mains		4,796.60
Meters		2,418.46
Mill piping		472.31
Mt. Pleasant Reservoir		5.00
Quittacas Pumping Station		5.00
Railroad		5.00
Rates		112,106.44
Receiving Reservoir		5.00
Sealing Mill Fixtures		75.67
Services,		3,010.61
Work Shop		32.79
Land damages, award from Bridge,	<u>7,500.00</u>	132,167.74

PARK COMMISSION.

From J. J. Powers, sale of buildings :

Hazelwood		\$535.00	
Commission	\$53.50		
Advertising	5.00	<u>58.50</u>	476.50
Superintendent, grass and rent		37.00	
Sale of feed box		15.00	
J. G. Davoll, 2d audit		1.26	529.76

POLICE DEPARTMENT.

Board of Health, contagious diseases, etc.	\$1,646.85
Bristol County House of Correction, fines, etc.	1,604.00
Chief of Police, sale of cloth	400.00
Third District Court, Bristol, fines, etc.	5,094.81
So. Mass. Telephone, 2d audit	1.49
	8,747.15

POOR DEPARTMENT.

Received from sundry sources, as follows:—

CITIES AND TOWNS.

Acushnet	\$84.00
Amesbury	143.00
Boston	242.00
Bourne	48.00
Chatham	10.50
Chicopee	38.00
Cottage City	39.57
Dartmouth	285.50
Edgartown	433.50
Fairhaven	138.00
Fall River	404.46
Freetown	19.50
Gloucester	19.00
Grafton	76.42
Hingham	16.00
Holyoke	20.00
Hyde Park	169.00
Lawrence	130.00
Lowell	5.00
Malden	30.00
Marion	42.00
Middleborough	4.00
Nantucket	23.00
Newton	104.00
Plymouth	32.00
Provincetown	7.40
Taunton	8.00
Templeton	22.00
Ware	47.00
Wareham	74.50
Warren	25.00
Webster	8.00
West Bridgewater	193.50
Westport	92.00
Yarmouth	6.00 \$3,039.85

From sundry sources, board, etc.—

M. A. Atchinson	\$87.75
A. L. Sylvia, 2d audit	5.00

TREASURER'S REPORT.

Eliza Barker	52.00
George Boardman	169.46
J. W. Brennan	144.00
Mrs. N. C. Churchill	123.96
J. O. Correira	74.00
Timothy Crowley	67.32
William E. Dowty	30.00
Manuel Fernandes	9.00
George S. Homer	6.85
Manuel G. Lawrence	13.00
Theo. Leabeau	56.00
Henry W. Mason	170.46
Joseph Mercer	83.16
David Moncrief	126.75
E. M. Murphy	169.46
Mary Paris	20.00
Sarah B. Peckham	89.20
Nelson L. Pike	60.00
Mrs. Merritt Scribener	4.00
S. H. Sheperd	42.25
Stephen N. Sylvia	49.68
John T. Turner	147.00
Ellen Wilding	12.00
Rev. E. Williams	27.85 1,849.15
 From Fire Department	1,211.55
Unappropriated Funds	10.00
 From State Treasurer :—	
Support	1,088.12
Support temporary	1,270.49
Burials	1,120.00
Educational, children	32.00 3,510.61 \$9,621.16

PROTECTION OF SHADE TREES.

From sundry persons, spraying trees	140.57
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PUBLIC DEBT.

Commissioners of Sinking Funds, Improvement Bonds, maturing April 1, 1902	50,000.00
Department of Wharves, interest on Wharf Bonds	2,080.00

TREASURER'S REPORT.

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N. B. Water Works, from rates to pay bonds maturing October 1, 1902	30,000.00
N. B. Water Works, from rates to pay interest on Water Bonds	10,000.00

REAL ESTATE TAX ACCOUNT.

John Kearney, sewer tax	24.61
H. W. Kenyon, sewer tax	24.90
Henry Mevins, tax of 1898	7.28
Michael McNamee, tax of 1900	8.90
" " " 1896	9.73
" " sewer tax 1899	20.20

95.62

SEWERS—GENERAL ACCOUNT.

Received from sundry persons for estimated cost and repairs of drains	12,455.36
Less difference in cost	609.38

11,845.98

SINKING FUNDS.

Premium on \$28,000 Park Bonds, sold, at 8.32 per cent.	2,329.60
Premium on \$30,000 Sewer Bonds, sold at 6.42 per cent.	1,926.00
Premium on \$65,000 School Bonds, sold at 4.88 per cent.	3,172.00
Premium on \$170,000 Improvt. Bonds, sold at 2.77 per cent.	4,709.00

12,136.60

SPECIAL APPROPRIATIONS—1902.

Note of December 10, 1902, due May 1, 1903, on account of New High School Lot	60,000.00
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SPECIAL APPROPRIATIONS—1901.

Sale of Park Bonds at 3½ per cent., due July 1, 1951	28,000.00
Sale of Sewer and School Bonds, at 3½ per cent.	76,811.57

104,811.57

SPECIAL APPROPRIATIONS—1900.

Sale of Improvement and Sewer Bonds at 3½ per cent.	188,188.43
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TEMPORARY LOAN.

N. B. Five Cents Savings Bank, note Dec, 28, 1901, at 3.90 per cent.	100,000
N. B. Institution for Savings, note of January 13, 1902, at 3.70 per cent.	100,000
N. B. Five Cents Savings Bank, note of January 13, 1902, at 3.70 per cent.	100,000
N. B. Five Cents Savings Bank, note of Febru- ary 28, 1902, at 3.50 per cent.	150,000
Rogers, Newman & Tolman, note of March 4, 1902, at 3½ per cent. discount	150,000
N. B. Institution for Savings, note of March 27, 1902, at 3.70 per cent.	100,000
N. B. Five Cents Savings Bank, note of March 28, 1902, at 3.70 per cent	100,000
Loring, Tolman & Tupper, note of April 8, 1902, at 3.73 discount	100,000
Loring, Tolman & Tupper, note of September 9, 1902, at 4¾ discount	50,000
N. B. Five Cents Savings Bank, note of Septem- ber 9, 1902, at 4¼ per cent.	50,000
N. B. Five Cents Savings Bank, note of No- vember 28, 1902, at 5 per cent.	200,000
N. B. Institution for Savings, note of Novem- ber 28, 1902, at 5 per cent.	100,000
	\$1,300,000.00

UNAPPROPRIATED FUNDS.

Received for interest on deposits :—

First National Bank	388.69
Mechanics National Bank	443.89
Merchants National Bank	436.61
N. B. Safe Deposit & Trust Co.	437.35
	1,706.54

Received for cost and interest on taxes, etc. :—

Collector, for taxes	\$3,184.07
Collector, 1 per cent on bank taxes	357.41
	3,491.48

Received for taxes in excess of appropriations :—

Collector, taxes 1899	\$28.68
Collector, taxes 1900	5,352.77
	5,381.45

Liquor licenses :—

47 1st and 4th Class, at \$1,400	\$65,800.00
10 1st Class Inn holders	15,000.00

1 1st Class, C. V.	1,100.00
4 4th Class Bottlers, \$600	2,400.00
7 Club licenses 300	2,100.00
33 6th Class, Druggist 1.00	33.00
	<hr/>
	\$86,438.00
Less $\frac{1}{4}$ to State	<hr/> 21,608.25
	<hr/> \$64,824.75

From other licenses, fees, etc.

Board of Health	\$42.55
City Clerk, fees	594.64
City Clerk, licenses	1,054.00
Entering sewers	450.00
Milk licenses	169.00
Pedlers licenses	250.00
Public baths	308.91
Sealer of Weights and Measures	244.26
	<hr/> 3,113.36

From Public Schools :—

G. J. Alley, excess of audit	75.03
Sale of books	.55.00
Tuition of N. R. pupils	1,651.77
	<hr/> 1,781.80

From rents :—

City Hall	275.00
Morgan lot	1.00
Accrued interest on sale of bonds	276.00
Engineering department, plans, etc.	81.65
Less amount to poor department,	<hr/> 10.00
J. C. Warren, land, Clark's Cove	<hr/> 71.65
	<hr/> 25.00

State Treasurer :—

Contagious diseases	\$2,470.87
Corporation taxes	28,496.65
National Bank taxes	2,205.62
Ships in foreign trades	101.06
Street Railway tax	8,521.19
Rent of Armories	600.00
Attorney Generals' office	5.00
	<hr/> 42,100.39

Sewer and Betterment Taxes :

Purchase street betterment	314.50
Adams street sewer	670.95
Allen street sewer	171.85
Bowditch and Dean street sewer	42.62

David street sewer	432.25
Davis street sewer	316.07
Dean street sewer	35.64
Jenney Lind street sewer	199.12
Kenyon street sewer	28.82
Lombard street sewer	149.69
Merrimac street sewer	63.07
Penniman street sewer	575.61
Summer street sewer	186.84
	3,187.12
	\$128,014.39
Total receipts, including balance, Dec. 2, 1901	\$3,214,875.14
Expenditures per warrants of the Mayor	3,150,247.85
Balance of cash in the treasury Dec. 1, 1902	\$64,627.29

EXPENDITURES.

Payments on the warrants of the Mayor for the year have been as follows, viz:—

Almshouse addition, kitchen	\$1,803.56
Alterations, etc., N. B. High School	2,708.68
Armories and Military property	3,022.46
Rifle range	995.50
Block Paving, South Water street	15,000.00
Board of Assessors	6,499.22
Board of Health	28,500.92
" " Contagious diseases	8,702.91
Cemetery Board	30,755.51
City property, Special Committee	20.95
Cemeteries, sale of lots	3,331.60
City property	9,639.42
Commonwealth of Mass., burial of soldiers	525.00
" " Military aid	3,102.00
" " State aid	11,992.00
" " Soldiers relief	13,007.23
Coggeshall street bridge	193.10
Court judgments	4,364.60
Department of wharves	4,351.09
Elections	4,370.01
Engineering department	9,989.97
" tides investigation	172.80

Fire department	84,026.45
Fourth of July celebration	4,966.33
Free public library	11,926.47
" " Dog fund	532.70
" " Repairs, etc.	3,622.69
 Free Public Library, Trustees Account :—	
George O. Crocker fund	862.77
George Howland, Jr., fund	207.25
Sylvia Ann Howland, fund	3,411.50
Reading room fund	230.03
Highways and Streets	184,070.24
Incidentals	40,417.28
" " Memorial day	849.91
Land damages, Acushnet avenue, No. 4	1,461.83
" " Chancery street	998.80
" " Layout of Linden court	1,200.00
License Commission	593.91
N. B. Water Works	134,952.02
Lighting streets	56,909.99
N. B. Water Works, further supply	143.74
N. B. School Committee, Howland fund	2,099.08
Park Commission	43,503.17
N. B. School Committee, Bourne Prize fund	60.00
Parker street schoolhouse, alterations	29,270.40
" " Heating	4,612.00
" " Plans	1,263.61
" " Refurnishing	1,119.67
Pingree plan	1,178.90
Plans, etc., new school buildings	2,275.57
Police department	117,498.27
Poor department	72,197.97
Printing, binding and stationery	8,520.89
Protection of shade trees	2,868.08
Public baths, improvements	1,110.61
" " maintenance	988.16
Public debt	281,755.05
Public schools, dog fund	776.89
" " Incidentals	58,511.70
" " Pay of teachers	161,134.51
" " Repairs of buildings	7,210.34
Salaries	26,562.83
Schoolhouse, Blackmer street, extras	6,805.33
" " Heating, etc.	500.00

Schoolhouse, Coggeshall street, extras	8,540.76
" " ", Heating, etc.	500.00
" Shawmut avenue, extras, etc.	4,483.88
" " ", Heating, etc.	1,048.00
" " ", Grading, etc.	6,041.00
" Lot, Morgan estate	60,000.00
Sewers, General account	23,636.62
Sewer, Bay and Dartmouth streets	299.75
" Briggs street	444.18
" Cleveland street	707.82
" Davis street	2,339.82
" Hemlock street, No. 1	329.17
" " No. 2	260.29
" Liberty street	3,067.53
" North street	809.30
" Peckham street	764.84
" Phillips avenue, No. 1	4,240.38
" Ruth street	1,057.01
" Tinkham street	871.91
" Trinity street	551.66
" South Water street	1,858.87
" Weld street	2,371.80
" Willard and Valentine streets	2,924.73
" Woodlawn street	2,064.35
Sinking funds	108,416.30
Temporary loan	1,375,000.00
Textile school	7,000.00
Women's ward and hospital, construction	7,963.01
" " " " Heating, etc.	1,500.00
	<u>\$3,150,247.85</u>

TRUST FUNDS HELD BY THE CITY OF NEW BEDFORD.

New Bedford School Committee :

One-half of the Sylvia Ann Howland bequest, invested in the Water Works construction at 6 per cent. 50,000.00

Free Public Library, Trustees Account :—

One half of the Sylvia Ann Howland bequest invested in the Water Works construction, at 6 per cent. 50,000.00
\$1,000,000.00

TREASURER'S REPORT.

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New Bedford School Committee :—

Jonathan Bourne, educational fund, (held as cash in the treasury)		1,000.00
Free Public Library, Trustees Account (held as cash in the Treasury)		
George Howland, Jr., gift, at 6 per cent.	\$1,600.00	
Oliver Crocker, bequest	1,000.00	
Charles W. Morgan, bequest	1,000.00	
James B. Congdon, gift	500.00	
George O. Crocker, bequest, at 4 per cent.	10,000.00	
Charles L. Wood, bequest	2,000.00	16,100 00
Cemetery funds, perpetual care of lots (held as cash in the treasury) at 6 per cent.	26,734.93	
Cemetery funds, perpetual care of lots (de- posited in savings bank)		
Balance, December 2, 1902	39,822.00	
Receipts for 1902, to December 1, 1902	8,080.14	74,637.07
Trust funds, December 1, 1902		<u>191,737.07</u>

We have examined the foregoing statement of the City Treasurer and find it to be correct.

W. E. SMITH,
ROBERT L. BAYLIES,
JOSEPH L. GIBBS,

Sub-committee of the Joint Standing Committee on Finance, appointed to examine the accounts of the City Treasurer and City Auditor.

IN BOARD OF ALDERMEN,
April 23, 1903.

Received, ordered printed in the City Documents and
sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,
April 23, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

ANNUAL REPORT

OF THE

SINKING FUND COMMISSIONERS

OF THE

CITY OF NEW BEDFORD

For the Year 1902.

Report

OF THE

Treasurer of the Sinking Funds.

CITY OF NEW BEDFORD, MASS.,
TREASURER'S OFFICE,
January 1, 1903.

*To the Commissioners of Sinking Funds of the City of
New Bedford:*

GENTLEMEN:—Herewith please find a statement of my accounts as Treasurer of the Sinking Funds of the City of New Bedford for the year to this date, together with a list of the securities now held in the funds.

DR.

Par value of the funds March 1, 1902	\$923,838.04
Appropriations for the City Council, requirements for municipal debt	96,279.70
Received from water rates	28,000.00
Received from wharf rates	1,040.00
Received from income on investments	39,222.04
Premium to sinking funds	12,136.60
Premium on bonds purchased	2,632.00
	\$1,103,148.38

C.R.

Amount paid, accrued interest on investments	\$1,983.06
Amount paid, premium on same	6,765.30
Amount paid City Treasurer, maturing bonds April 1, 1902	50,000.00
Sinking Funds, at par, Jan. 1, 1903	1,044,399.42
	\$1,103,148.38

APPROPRIATIONS.

The appropriations by the City Council and Water Board, together with the amount received from the income from the city wharves, to reduce the public debt for the year 1902, were as follows, viz.:

Sinking Funds, March 1, 1902	\$923,838.04
For \$30,000 Sewer Bonds, April 1, 1886,	
20 years	\$1,200.00
\$30,000 Sewer Bonds, October 1, 1886,	
20 years	1,200.00
\$15,000 Sewer Bonds, April 1, 1887,	
20 years	600.00
\$25,000 Sewer Bonds, April 1, 1888,	
20 years	1,400.00
\$43,000 Sewer Bonds, April 1, 1889,	
20 years	1,720.00
\$48,000 Sewer Bonds, April 1, 1890,	
20 years	1,920.00
\$57,000 Sewer Bonds, April 1, 1891,	
20 years	2,280.00
\$100,000 Sewer Bonds, April 1, 1892,	
20 years	4,000.00
\$50,000 Improvement Bonds, April 1,	
1902, 10 years	3,939.70
\$108,000 Sewer Bonds, April 1, 1893,	
20 years	4,320.00
\$162,000 Improvement Bonds, April 1,	
1893, 10 years	12,960.00
\$32,000 Sewer Bonds, April 1, 1894,	
20 years	1,200.00
\$89,000 Improvement Bonds, April 1,	
1894, 10 years	7,120.00

\$58,000 Sewer Bonds, April 1, 1895,		
30 years	1,160.00	
\$24,000 Improvement Bonds, April 1,		
1895, 10 years	1,920.00	
\$172,000 Improvement Bonds, March 1,		
1897, 10 years	13,760.00	
\$128,000 School Bonds, March 1, 1897,		
20 years	5,120.00	
\$69,000 Sewer Bonds, March 1, 1897,		
30 years	1,380.00	
\$35,000 Sewer Bonds, February 1, 1898,		
30 years	740.00	
\$92,000 School Bonds, February 1, 1898,		
20 years	3,880.00	
\$62,000 Improvement Bonds, February		
1, 1898, 10 years	4,960.00	
108,000 Improvement Bonds, February		
1, 1899, 10 years	8,640.00	
\$30,000 School Bonds, February 1, 1899,		
20 years	1,200.00	
\$33,000 Sewer Bonds, February 1, 1899,		
30 years	660.00	
\$200,000 School Bonds, June 1, 1900,		
20 years	8,000.00	
\$20,000 Water Bonds, April 1, 1888,		
30 years	400.00	
\$120,000 Water Bonds, April 1, 1894,		
30 years	2,400.00	
\$1,200,000 Water Bonds, 1894, 1896 and		
1897, 30 years	24,000.00	
\$48,000 Water Bonds, June 1, 1900,		
30 years	1,200.00	
\$100,000 Park Loan, June 1, 1892,		
50 years	\$1,000.00	
\$52,000 Wharf Bonds, May 1, 1897,		
30 years	1,040.00	125,319.70
Interest on investments		39,222.04
Premium on bonds purchased		2,632.00
Premiums to Sinking Funds		12,136.60
		<hr/>
		\$1,103,148.38

PAYMENTS.

To City Treasurer, Improvement Bonds, matured April 1, 1902	\$50,000.00
Premiums on bonds purchased	6,765.30
Accrued interest on same	1,983.66
Net value of Sinking Funds	\$1,044,399.42

LIST OF SECURITIES HELD IN THE SINKING FUNDS
JANUARY 1, 1903.

Attleboroughs, 4s, July 1, 1926	\$18,000.00
Albany & Susquehanna Railway Bonds, 7s, April 1, 1906	9,000.00
Albany & Susquehanna Railway Bonds, 7s, April 1, 1906	10,000.00
Bridgeports, 4s, January 1, 1924	6,000.00
Brocktons, 4s, April 1, 1924	7,000.00
Brocktons, 4s, December 15, 1923	1,000.00
Burlington & Missouris, 6s, July 1, 1918	11,800.00
Burlington & Missouris, 6s, July 1, 1918	19,000.00
Boston & Maines, 4½s, January 1, 1944	5,000.00
Cambridges, 4s, August 1, 1924	32,000.00
Cambridges, 4s, February 1, 1924	4,000.00
Clevelands, 4s, April 1, 1903	4,000.00
Clintons, 4s, October 1, 1905, 21	11,000.00
Chicago, Burlington & Quincys, 7s, July 1, 1903	8,000.00
Chicago, Burlington & Quincys, 4s, May 1, 1927	5,000.00
Chicago, Burlington & Quincys, 5s, Oct. 1, 1917	10,000.00
Chicago, Burlington & Quincys, 4s, Oct. 1, 1919	6,000.00
Chicago, Burlington & Quincys, 3½s, July 1, 1949	3,000.00
Chicago, Burlington & Quincys, 3½s, July 1, 1949	10,000.00
Chicago, Burlington & Quincys, 3½s, July 1, 1949	6,000.00
Chicago, Burlington & Quincys, 3½s, July 1, 1949	12,000.00

Cedar Rapids & Missouris, 7s, June 1, 1909	4,000.00
Dakota Centrals, 6s, Sept. 1, 1907	50,000.00
Erie & Pittsburgs, 3½s, July 1, 1940	50,000.00
Fitchburg Railway 4s, March 1, 1927	5,000.00
Fitchburg Railway, 5s, April 1, 1903	18,000.00
Grand Rapids, Mich., 4½s, Oct. 1, 1903	5,000.00
Grand Rapids, Mich., 4½s, Oct. 1, 1918	35,000.00
Haverhill, Mass., 4s, Oct. 1, 1921	20,000.00
Haverhill, Mass., 4s, Dec. 1, 1922	5,000.00
Hyde Park, 4s, May 1, 1908	5,000.00
Hyde Park, 4s, May 1, 1909	5,000.00
Indianapolis, Ind., 4s, March 1, 1924	5,000.00
Indianapolis, Ind., 3s, June 30, 1924	5,000.00
Illinois Centrals, 3½s, July 1, 1951-3	10,000.00
Illinois Centrals, 3s, Aug. 1, 1951	10,000.00
Illinois Centrals, 3½s, July 1, 1953	17,000.00
Joliett & No. Indianas, 7s, July 10, 1907	20,000.00
Kansas City, St. Jo. & C. Bs., 7s, Jan. 1 1907	10,000.00
Kansas City, St. Jo. & C. Bs., 7s, Jan. 1, 1907	8,000.00
Kansas City, St. Jo. & C. Bs., 7s, Jan. 1, 1907	5,000.00
Kansas City, St. Jo. & C. Bs., 7s, Jan. 1, 1907	10,000.00
Kalamazoo, A. & G. Rs., 5s, Jan. 1, 1938	4,000.00
Lynn, Mass., 4s, Jan. 1, 1922	5,000.00
Lynn, Mass., 4s, Oct. 1, 1923	1,000.00
Lynn, Mass., 4s, April 1, 1923	3,000.00
Lynn, Mass., 4s, Sept. 1, 1908	6,000.00
Milwaukeees, Mich., 5s, July 2, 1906	20,000.00
Maldens, Mass., 4s, May 1, 1924	5,000.00
Maldens, Mass., 4s, May 2, 1925	20,000.00
Maldens, Mass., 4s, Jan. 1, 1916	10,000.00
Meriden, Conn., 4s, May 15, 1907	10,000.00
Medfords, 4s, Aug. 1, 1918	30,000.00
Milwaukee, Lake Shore & Western, 6s, May 1, 1921	22,000.00
Milwaukee, Lake Shore & Western, Mich. Div., 6s, July 1, 1924	3,000.00
Milwaukee, Lake Shore & Western, 5s, Feb. 1, 1929	19,000.00
Middletown, Conn., 3½s, Dec. 1, 1921	5,000.00

New Bedfords, 4s, April 1, 1924	3,000.00
New Bedfords, 3½s, Oct. 1, 1906	30,000.00
New Bedfords, 4s, May 1, 1927	52,000.00
New Bedfords, 3½s, Feb. 1, 1928	3,000.00
New Bedfords, 3½s, Feb. 1, 1918	4,000.00
New Bedfords, 3½s, Feb. 1, 1919	7,000.00
New Britain, Conn., 4s, Aug. 1, 1908	25,000.00
New Britain, Conn., 4s, July 1, 1924	9,000.00
Newton, Mass., 4s, April 1, 1924	19,000.00
Newton, Mass., 4s, May 1, 1927	16,000.00
Newport, R. I., 4s, May 15, 1923	15,000.00
New York & New England, 6s, Jan. 1, 1905	25,000.00
New York & New England, 7s, Jan. 1, 1905	8,000.00
New York & New England, 6s, Jan. 1, 1905	1,000.00
Quincy, Mass., 4s, May 1, 1923	20,000.00
Saginaw, Mich., 5½s, Nov. 1, 1913	15,000.00
Saginaw, Mich., 4s, April 1, 1923	10,000.00
Saginaw, Mich., 4s, Dec. 1, 1919	10,000.00
St. Johnsbury & Lake Champlain, 5s, March 1, 1944	6,000.00
Tauntons, 4s, June 1, 1915	1,000.00
Tauntons, 4s, June 1, 1905	4,000.00
Tauntons, 4s, June 1, 1905	7,125.00
Tauntons, 4s, Dec. 1, 1915	2,000.00
Tauntons, 4s, June 1, 1906	19,000.00
Tauntons, 4s, June 1, 1907	4,000.00
Tauntons, 4s, June 1, 1903	15,000.00
Vermont & Massachusetts, 5s, May 1, 1903	7,000.00
Waltham, Mass., 4s, Jan. 1, 1907	3,000.00
Waltham, Mass., 4s, April 1, 1917	6,000.00
Waltham, Mass., 4s, Jan. 1, 1927	2,000.00
Wakefield, 4s, Oct. 1, 1918	9,000.00
Woonsocket, R. I., 4s, April 1, 1924	3,000.00
Worcester, Mass., 4s, July 1, 1928	17,000.00
City Institution for Savings, Lowell	1,000.00
Charlestown Five Cents Savings Bank	1,309.88
The Boston Five Cents Savings Bank	1,331.14
New Bedford Institution for Savings	1,322.79
New Bedford Five Cents Savings Bank	1,405.44
Mechanics National Bank, deposits	3,102.17
Investments at par, including deposits	\$1,044,399.42

INVESTMENTS DURING THE YEAR TO JANUARY 1, 1903.

Albany & Susquehanna Railway Co., 7s, at 112½	\$5,000.00
Albany & Susquehanna Railway Co., 6s, at 109½	4,000.00
New York & New Englands, 7s, at 109.04	8,000.00
New York & New England, 6s, at 106½	1,000.00
Kansas City, St. Jo. & C. B., 7s, at 112.98	10,000.00
Chicago, Burlington & Quincys, 3½s, at 98½	6,000.00
Albany & Susquehannas, 7s, at 110.79	10,000.00
Kansas City, St. Jo. & C. Bs., 7s, at 112.98	5,000.00
Erie & Pittsburgs, 3½s, at 108½	50,000.00
Chicago, Burlington & Quincys, 3½s, at 98½	10,000.00
Vermont & Massachusetts, 5s, at 100.47	7,000.00
Fitchburg Railway, 5s, at 100.39	13,000.00
Chicago, Burlington & Quincys, 4s, at 104	6,000.00
Chicago, Burlington & Quincys, 3½s, at 98	3,000.00
Illinois Centrals, 3½s, at 98½	17,000.00
City of Tauntons, 4s, at par	15,000.00
Chicago, Burlington & Quincys, 3½s, at 96½	12,000.00
	<hr/>
	\$182,000.00

**AMOUNT OF SINKING FUNDS AND LOANS
SECURED BY SAME IN EACH CLASS.**

CLASS.	SINKING FUND.	LOANS.	WHEN DUE.
3	\$27,224.05	\$30,000.00	April 1, 1906
4	25,075.95	30,000.00	Oct. 1, 1906
5	12,551.39	15,000.00	April 1, 1907
8	26,826.15	35,000.00	April 1, 1908
9	10,200.59	20,000.00	April 1, 1918
10	30,091.09	43,000.00	April 1, 1909
12	30,546.78	48,000.00	April 1, 1910
14	32,799.04	57,000.00	April 1, 1911
16	51,741.74	100,000.00	April 1, 1912
18	11,542.78	100,000.00	April 1, 1942
19	49,864.67	108,000.00	April 1, 1913
20	149,593.88	162,000.00	April 1, 1903
21	12,227.17	32,000.00	April 1, 1914
22	72,547.55	89,000.00	April 1, 1904
23	23,303.26	120,000.00	April 1, 1924
24	179,346.17	1,200,000.00	April 1, 1927
25	10,255.71	55,000.00	April 1, 1925
26	16,974.68	24,000.00	April 1, 1905
27	88,777.11	172,000.00	Mar. 1, 1907
28	33,016.85	128,000.00	Mar. 1, 1917
29	8,900.80	69,000.00	Mar. 1, 1927
30	6,693.04	52,000.00	May 1, 1927
31	3,747.99	35,000.00	Feb. 1, 1928
32	19,479.74	92,000.00	Feb. 1, 1918
33	26,271.26	62,000.00	Feb. 1, 1908
34	36,163.23	108,000.00	Feb. 1, 1909
35	5,022.71	30,000.00	Feb. 1, 1919
36	2,762.51	33,000.00	Feb. 1, 1929
37	24,892.22	200,000.00	June 1, 1920
38	3,733.88	48,000.00	June 1, 1930
39	2,346.65	28,000.00	July 1, 1951
40	1,940.08	30,000.00	Mar. 1, 1932
41	3,195.22	65,000.00	Mar. 1, 1922
42	4,743.48	170,000.00	Mar. 1, 1912
	\$1,044,399.42	\$3,593,000.00	

SINKING FUNDS — CITY OF NEW BEDFORD.

BALANCE SHEET—JANUARY 1, 1903.

PAGE.	NUMBER.	DR.	CR.
18	Sinking Fund No. 3		\$27,224.05
25	4		25,075.95
28	5		12,551.39
37	8		26,826.15
40	9		10,200.59
43	10		30,091.09
49	12		30,546.78
54	14		32,799.04
59	16		51,741.74
63	18		11,542.78
65	19		49,864.67
67	20		149,593.88
73	21		12,227.17
75	22		72,547.55
77	23		23,903.26
79	24		179,346.17
81	25		10,255.71
83	26		16,974.68
87	27		88,777.11
89	28		33,016.85
91	29		8,900.80
93	30		6,698.04
94	31		3,747.90
95	32		19,479.74
96	33		26,271.26
98	34		36,163.23
100	35		5,022.71
102	36		2,762.51
104	37		24,892.22
106	38		3,733.88
110	39		2,346.65
111	40		1,940.08
112	41		3,195.22
113	42		4,743.48
115	Bond Account	\$1,034,925.00	
72	Savings Bank Account	6,372.25	
10	Deposits	3,102.17	
		\$1,044,399.42	\$1,044,399.42

Respectfully submitted,

JAMES H. HATHAWAY,

Treasurer of the Sinking Funds.

Report
OF THE
Commissioners of the Sinking Funds.

CITY OF NEW BEDFORD MASS.,
TREASURER'S OFFICE,
January 1, 1903.

To the City Council of the City of New Bedford:

GENTLEMEN:—At a meeting of the Commissioners of Sinking Funds of the City of New Bedford, held this day, it was

VOTED—To adopt the foregoing statement of the Treasurer of the Sinking Funds as the report of the Commissioners of the Sinking Funds of the City of New Bedford, required by the Statutes of Massachusetts, to be made annually to the City Council.

MORGAN ROTCH,
WILLIAM A. MACKIE,
BENJAMIN F. BROWNELL,
Commissioners of the Sinking Funds.

We have examined the foregoing account and find it correct.

WM. E SMITH,
ROBERT L. BAYLIES,
JOSEPH L. GIBBS,

Sub-committee on Finance to examine the Treasurer's Accounts, also the Collector's and Auditor's.

IN BOARD OF ALDERMEN,

April 23, 1903.

Received, ordered printed in the City Documents and
sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,

April 23, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

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1903. CITY DOCUMENT No. 9.

ANNUAL REPORT

OF THE

CHIEF OF POLICE

OF THE

CITY OF NEW BEDFORD

FOR THE YEAR ENDING DECEMBER 31ST,
1902.

**NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.**

Annual Report.

NEW BEDFORD, MASS.
DECEMBER 31, 1902

To His Honor the Mayor, and Gentlemen of the City Council:

GENTLEMEN—I have the honor to submit herewith, the annual report of the condition and doings of the Police Department, for the year ending Dec. 31st, 1902.

This department, at present, consists of the following :—

Chief	1	Emergency officer	1
Captains	2	Harbor police	1
Lieutenants	9	Wagounmen	2
Inspectors	2	Drivers	2
Sergeants	4	Houskeepers	10
Patrolmen	76	Matron	1
Clerk	1	Janitor	1
		Total	113

POLICE REPORT.**NUMBER OF ARRESTS DURING THE YEAR, 2,357.****Arrests by months:—**

January	173	Males	2,035
February	157	Females	322
March	187	Americans	1,068
April	182	Foreigners	1,289
May	227	Non-residents	479
June	186	Minors	223
July	195	Commitments	1,240
August	264	Arrests on Warrants	512
September	212		
October	212		
November	194		
December	168		

Arrests in 1896	2,104
" 1897	2,089
" 1898	1,852
" 1899	2,237
" 1900	1,875
" 1901	2,063
" 1902	2,357

**AMOUNT OF FINES IN THIRD BRISTOL DISTRICT COURT,
\$5,242.24**

1st Quarter	\$1,067.74	3rd Quarter	\$1,546.50
2nd " "	1,457.00	4th "	1,171.00

Fines in 1896	\$7,885.76
" 1897	7,084.60
" 1898	6,089.66
" 1899	5,141.09
" 1900	4,663.28
" 1901	4,319.89
" 1902	5,242.24

LODGERS.

Number of lodgers during the year, 719

Males	709
Females	10
Americans	480
Foreigners	239
Non-residents	701
Minors	12

POLICE REPORT.

5

NATIVITY OF LODGERS.

United States	480
British Provinces	8
Canada	17
Denmark	1
England	66
Ireland	117
Italy	1
Germany	3
Poland	1
Portugal	5
Scotland	13
Sweden	7

NATIVITY OF PRISONERS.

Africa	2
Australia	1
Austria	18
British Provinces	43
Canada	295
China	1
England	287
Finland	6
France	1
Germany	23
Greece	4
Ireland	296
Italy	11
Norway	3
Poland	64
Portugal	148
Russia	18
Scotland	39
Spain	1
Sweden	18
St. Helena	1
Turkey	2
United States	1,068
Wales	2
West Indies	5

POLICE REPORT.**OFFENCES.**

Adultery	5
Assault and Battery	206
Assault felonious	2
Armed with weapon	2
Arson	3
Attempt to break and enter	5
Attempt to rape	1
Attempt to utter counterfeit money	1
Bastardy	10
Breaking and entering and larceny	45
Begging	8
Concealing leased property	2
Contempt of Court	7
Cruelty to dumb animals	2
Defrauding boarding-house	1
Dealing in junk without license	1
Disturbing the peace	135
Drunkenness	1,529
Deserters	2
Fast driving	1
Forgery	1
Fornication	2
Fugitive from justice	1
Idle and disorderly	42
Indecent exposure	3
Impersonating officer	2
Illegal sale of liquor	2
Insane	29
Keeping common nuisance	1
Keeping liquor with intent to sell	5
Keeping noisy and disorderly house	2
Kidnapping	1
Larceny	126
Larceny felonious	1
Lewd and lascivious cohabitation	2
Maliciously drawing water from a pond	3
Malicious mischief	2
Neglected children	3
Night walking	16
Non-support	49
Obstructing officer	10
Obstructing sidewalk	3

POLICE REPORT.

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Obtaining goods under false pretence	1
Peddling without license	1
Rape	1
Receiving stolen goods	1
Robbery	3
Stealing a ride	1
Stubborn children	10
Threatening bodily harm	14
Sending obscene letters	1
Unlawfully using boat	2
Using profane language	1
Vagrants	19
Violating bicycle law	1
Violating food law	18
Violating plumbing law	1
Violating oleomargarine law	1
Violating druggists law	2
Violating medical law	1
Violating City ordinances	4

PRIMARY DISPOSITION OF CASES.

Fined	1,478
Sentenced to penal institutions	276
Continued	320
Continued on probation	58
Laid on file	29
Nolle prosessed	11
Probably guilty	30
Not guilty and discharged	34
Released without arrangement by the Court	47
Ordered to give bonds to keep the peace	5
Complaints dismissed	1
Bailed and defaulted	17
Default stricken off	1
Bailed to appear in other jurisdictions	4
Delivered to out of town officers	15
Defendant married	1
Died in lockup	1
Committed to insane hospitals	29

Of the above 602 paid fines; 1,240 were committed, and 95 appealed.

POLICE REPORT.**MISCELLANEOUS BUSINESS.**

Accidents	14
Amount of property reported stolen in city	\$2,879.21
Amount of property recovered	1,548.81
Animals impounded	22
Buildings found open and secured	188
Bicycles found	64
Cases investigated	6,864
Dangerous buildings reported	1
Dangerous dogs reported	3
Dangerous wires reported	59.
Defective fire alarm boxes	3
Defective police boxes	3
Defective lamps	40
Defective streets and sidewalks	276
Defective naptha lamps	3,579
Defective gas lamps	1,240
Defective hydrants	4
Defective water pipes	11
Dead bodies found	3
Disturbances suppressed	533
Dog notices served	136
Dogs killed	17
Fire alarms given	17
Fires extinguished without alarm	12
Fire alarm boxes found open	1
Intoxicated persons helped home	3
Lost children found and returned	272
Liquor search warrants served	8
Rescued from drowning	1
Notices served	68
Street obstructions reported	12
Street obstructions removed	8
Stray teams picked up	31
Stray teams put up	16
Sick and injured persons assisted	20
Water reported running to waste	71
Horses found cast	5
Hours of extra duty	1,734
Electric street lights out	853
Gas street lights out	1,249
Naptha street lights out	4,297
Ambulance calls	275

POLICE REPORT.

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ROSTER OF THE FORCE.

CHIEF :

HENRY W. MASON

CAPTAINS :

TIMOTHY C. ALLEN. JAMES L. WILBER.

INSPECTORS :

GEORGE E GENDRON FRANKLIN L. HATHAWAY

LIEUTENANTS :

SETH E. BRYANT	THOMAS W. COMSTOCK
THOMAS FAY	ARTHUR H. JONES
CHARLES L. McBAY	JOHN C. PARKER
THOMAS C. TAFT	JOSEPH B. WING

COURT AND COMMITTING OFFICER :

LIEUT. LEMUEL D. ADAMS

CLERK :

HENRY N. WEST

SERGEANTS :

CHARLES C. GIFFORD	EDMUND FOLEY
WILLIAM E. ROSCOE	WILLIS C. UNDERWOOD

POLICE MATRON :

MRS. SARAH M. BROWNELL

POLICE REPORT.

PATROLMEN	AGE	YEARS OF SERVICE
Aldrich, Oscar F.	53	7½
Allen, Edgar W.	48	15
Allen, Edward	39	9½
Allen, Robert N.	58	8¼
Allen, Charles E.	34	½
Almond, Walter	40	10½
Almond, William, Jr.	32	8
Atwood, William W.	37	8
Benoit William R.	30	½
Callanan, Thomas F.	48	11
Cannavan Patrick	65	34
Church Charles B.	31	5
Clark, Ulysses L.	44	9½
Clough, George H.	55	5½
Cole, William T.	33	6¼
Cowing, William J.	46	8
Cox, James M.	37	10
Dahoney, Thomas	44	12½
Daley, Jeremiah E.	32	7½
Demers, Frank E.	42	10
Deneen, Daniel	40	9½
Dodds, James	49	10½
Doherty, Edward P.	36	6
Durant, Lawrence J.	33	½
Earley, Edward C.	37	6
Eldridge, Washington A.	59	21
Fowler, William	38	6
Gibbs, Nathaniel F.	34	1½
Hafford, Stephen Jr.	45	2
Harrington, Daniel	36	½
Holloway, Arod B.	40	½
Howland William A. E.	35	6½
Humphrey, Daniel J.	61	24
Ivey James A.	46	12
Karcher, Frederick	42	½
Kenney, Patrick	48	8
Lawrence, George R.	45	6½
Lee, Allen L.	69	18½
Loftus, Anthony	35	½
Lother, George H.	43	6
McCarthy, Jeremiah	43	10½

POLICE REPORT.

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McDonald Daniel	40	6
McDonnell, James	34	6½
McDonnell, Patrick	32	10
McEnnis, Robert B.	46	8
McLeod, Samuel D.	35	8
Meehan Daniel	55	5
Mosher Albert E.	28	½
Murphy, Cornelius J.	57	22
Nickerson, Charles F.	29	2
Nye, Frederick L.	34	½
Oliver John F.	38	9½
Pinkham George W.	46	9½
Raymond, Hiram E.	48	10½
Remington, Frank L.	36	7½
Ricketson, Harrison D.	36	8
Rooks, John C.	45	16½
Rooks, Albert H.	36	½
Russell, Eugene F.	52	9½
Savage James W.	40	8
Sharples, Smith	83	1½
Smith, Andrew J.	59	9½
Smith Charles F.	46	8
Spooner John C.	29	½
Stow, Harry D.	46	8
Sullivan, James H.	38	2
Sullivan Timothy	54	27
Sweeney Daniel P.	40	12
Sylvia, Frank W.	36	7½
Taber, Jeremiah M.	44	11½
Tripp, Chester L.	43	2
Vogel, Robert F.	33	6
Welch, William	30	½
Willis, Rufus H.	65	5
Winslow, George F.	65	6
Wixon, James A.	61	31

EMERGENCY OFFICER

Patrick Kennedy	67	19½
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WAGON MEN

John M. Jones	60	17
George W. Paige	56	22

DRIVERS

William M. Ryan	35	6
Edward F. Jennings	63	17

HOUSEKEEPERS

Arnett, Henry	56	12
Arnett, James	63	26
Dayton, Luther M.	77	46
Manchester, John B.	65	17
Mitchell, William H	75	18
Stevens, Henry	68	27
Vogel, George	64	18
Wilson, Thomas H.	66	16
Jones, Isaac M.	72	33
Robbins Charles H.	81	23

HARBOR POLICE

Sisson, Joseph De. L.	78	24
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JANITOR

Drew, Moses C.

RESERVE POLICE FORCE.

Ashley, Henry T.	Henderson, Joseph C.
Brightman, Ellery E.	Horton, Eliphalet M.
Breault, Narcisse A.	Hynes, Edward A.
Caswell, Charles A.	Lamott, Benjamin
Cushing, William S.	Mack, Thomas E.
Daley Charles F.	Murdy, Robert H.
Downey, Daniel	Place, Joseph A.
Dupuis, Wilfred H.	Ratcliffe, Robert B.
Gay, Harry M.	Sullivan, Matthew
Hayden, Abram L.	Williams, Benjamin F.
	Wilcox, Seth A.

APPOINTMENTS.

On April 10th, the following named persons, having served a probationary term of six months, were confirmed as members of the Reserve Police Force in accordance with the Civil Service Rules of the Commonwealth, viz:

Charles A. Caswell	Thomas E. Mack
Harry M. Gay	William S. Cushing
Charles F. Daley	Edward A. Haynes

On May 16th, the following named persons, members of the Reserve Police Force, were appointed Regular Police Officers of the City of New Bedford, viz:

Albert E. Mosher	William Welch
Albert H. Rooks	John C. Spooner
Lawrence J. Durant	Anthony Loftus
Charles E. Allen	Nathaniel F. Gibbs
Frederick L. Nye	Daniel Harrington
Arod B. Holloway	Frederick Karcher

On May 16 the following named persons were appointed members of the Reserve Police Force, to serve a probationary term of six months, in accordance with the civil service rules of the Commonwealth, viz. :

Matthew Sullivan	Joseph A. Place
Abram L. Hayden	Robert H. Murdy
Benjamin F. Williams, Jr.	Narcisse A. Breault
Ellery E. Brightman	Benjamin Lamott
Wilfred H. Dupuis	Henry T. Ashley
Daniel Downey	Eliphalet M. Horton
Joseph C. Henderson	

RESIGNED.

Frank Enos, April 24

John Hutchinson, July 19

In Memoriam.

CHANCELLOR KENT,

Died Jan. 1, 1902,

Aged 64 years, 5 months.

JOHN D. SULLIVAN,

Died Feb. 18, 1902,

Aged 54 years, 1 month, 22 days.

GEORGE P. GIFFORD,

Died April 2, 1902,

Aged 58 years, 3 months, 17 days.

HENRY W. RHODES,

Died July 9, 1902,

Aged 50 years, 2 days.

EDWARD McCARTHY,

Died Dec. 25, 1902,

Aged 39 years, 10 months, 28 days.

SIGNAL CALLS.

Duty calls	374,548
Telephone calls	36,348
Wagon calls	1,218
Ambulance calls	275

WOMEN'S LOCKUP.

Number of prisoners	280
Lost children	12
Number of insane	8
Lodgers	17
Total	317

MRS. SARAH M. BROWNELL, Matron.

To His Honor the Mayor, and Committee on Police,
I hereby extend thanks for courtesy and kindness ac-
corded me on all occasions.

Respectfully.,

HENRY W. MASON,
Chief of Police.

IN BOARD OF ALDERMEN,
May 28, 1903.

Received, ordered printed in the City Documents and
sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,
May 28, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 10.

ANNUAL REPORT

OF THE

SUPERINTENDENT OF STREETS

OF THE

City of New Bedford

TO THE

CITY COUNCIL.

FOR THE YEAR 1902

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

1902.

NEW BEDFORD, MASS.

Population, assessors' estimate, 68,800.

Valuation, \$62,561,811.00.

Area, about 19½ square miles.

139.53 miles of accepted streets.

Two bridges over the Acushnet river; old New Bedford and Fairhaven bridge replaced by new bridge, 70 feet wide and 9-10 miles long; completed, but cost not yet apportioned; ¼ Coggeshall Street bridge maintained by New Bedford.

4.458 miles of stone block paving, an area of 56,476 square yards.

0.617 miles of asphalt block paving, an area of 9,929 square yards.

0.35 miles of sheet asphalt paving, an area of 10,891 square yards.

0.272 miles of brick paving, an area of 8,231 square yards.

13.98 miles of cobble paving, an area of 178,064 square yards.

60.79 miles of macadam paving, an area of 755,778 square yards.

0.306 miles of bituminous macadam, an area of 4,426 square yards.

95.725 miles of curbing.

34.43 miles of flag sidewalk, an area of 103,518 square yards.

34.13 miles of concrete sidewalk, an area of 151,567 square yards.

STREET DEPARTMENT.

3.09 miles of granolithic sidewalk, an area of 15,256 square yards.

66.923 miles of sewer, 8 to 72 inches diameter.

\$1,026,909.58 cost of sewer system to date.

903 catch-basins.

113 eyeholes.

641 manholes.

27 sewer outlets into Acushnet river.

3 sewer outlets into the lower harbor.

7 sewer outlets into Clarks Cove.

APPROPRIATIONS AND EXPENDITURES, 1902.

	Appropriation.	Expenditures.
Highways and streets	\$155,000.00	\$145,239.84
General sewers	17,000.00	11,790.64
Coggeshall street bridge, No. 1	600.00	193.10
*Coggeshall street bridge, No. 2	5,500.00	
* **Widening Acushnet ave., Howard ave. to Lund's corner	3,044.75	1,461.88
Block paving So. Water street, Cove to Union	15,000.00	15,742.14
Protection shade trees	3,500.00	2,737.51
Layout Chancery street	998.80	998.80
*Layout Reynolds street	600.00	
	\$201,243.55	\$178,153.86
*Bay and Dartmouth streets sewer	\$500.00	\$299.75
Briggs street sewer	700.00	444.18
*Chepatchet street sewer	3,599.00	
*Cleveland street sewer	800.00	707.82
Davis street sewer	3,000.00	2,839.82
Front and Tinkham streets sewer	1,200.00	871.91
Hemlock street sewer, No. 1	450.00	329.17
Hemlock street sewer, No. 2	800.00	260.29
Liberty street sewer	3,067.53	3,067.53
North street sewer	1,100.00	809.30
Peckham street sewer	1,000.00	764.84
Phillips avenue sewer	6,400.00	4,240.88
Ruth street sewer	1,200.00	1,057.01
Trinity street sewer	800.00	551.66
So. Water street sewer	1,858.87	1,858.87
Weld street sewer	2,271.80	2,271.80
Willard and Valentine streets sewer	3,600.00	2,924.73
Woodlawn street sewer	2,400.00	2,064.35
	\$285,490.75	\$203,017.27

*Carried forward to 1903.

**Brought forward from 1901.

STREET DEPARTMENT.

HIGHWAYS AND STREETS.

Year.	Net Expenditure Appropriation for Year.	New Work.	Maintenance and Repairs.	Stock on hand Decreased.	Stock on hand Increased.
1897	\$164,834.32	\$92,759.88	\$66,718.78		\$5,355.66
1898	181,334.62	96,618.76	83,876.67		839.19
1899	146,893.75	74,858.45	75,694.38	\$3,659.08	
1900	142,732.05	83,024.10	60,023.46	315.51	
1901	164,051.42	97,152.15	65,101.36		1,797.91
1902	151,157.96	84,781.86	63,808.83	2,567.27	

GENERAL SEWERS.

Year.	Net Expenditure Appropriation for Year.	New Work.	Maintenance and Repairs.	Stock on hand Decreased.	Stock on hand Increased.
1897	\$14,677.22	\$4,585.35	\$11,913.45	\$1,821.58	
1898	16,892.88	6,888.99	10,103.68	99.79	
1899	10,589.99	3,857.73	7,405.53	673.27	
1900	11,773.41	3,043.52	8,584.22		\$145.67
1901	15,660.28	6,570.64	7,674.02		1,415.62
1902	11,790.64	4,643.52	6,493.47	653.65	

Report of Superintendent.

OFFICE OF SUPERINTENDENT OF STREETS,
ODD FELLOWS' BUILDING,
January 1, 1903.

To the City Council of the City of New Bedford:

GENTLEMEN:—In compliance with ordinances passed June 26th, 1902, the annual report of the work of the departments under my charge for the year ending Nov. 29th, 1902, is herewith submitted.

The Board of Public Works was abolished on the eleventh day of July, and the control of these departments passed into the hands of the City Council. This necessitated some changes in the clerical arrangements, but did not affect the routine work of the departments.

The tables, giving in detail the work done and the cost, form the bulk of this report.

There are some matters and a few suggestions which I think may properly at this time be called to your attention. It will be noticed that the cost of most work is considerably more than in previous years. This is largely due to the fact that a decided increase in wages went into effect August 4th, making the labor cost greater than before, but the increase is also due to a general advance in the price of nearly all supplies. The cost of work will no doubt be still greater for 1903, as the increase of wages did not take place until eight months of the year 1902 had passed.

In the case of concrete sidewalks, the cost has jumped from 54 cents in 1901 to 73 cents in 1902, and will be still more in 1903. The city's price for concrete has been 50 cents per yard, but I would recommend that for 1903 it be made 75 cents per yard.

At this time it seems proper to call attention to the advantages of granolithic for sidewalk construction. It is better and less expensive than flagging, and in the end is more economical than concrete. While the city found it necessary to abandon the use of four-foot concrete walks on account of the crumbling and breaking of the edges, no trouble of this kind would occur with granolithic, there being no necessity for a curb or wall to hold the edges. In many of our streets a 4½ foot granolithic walk would be amply wide for all the requirements of travel, would allow space for trees, telephone poles and hitching posts, and for a well kept border of grass. Basing the estimate of cost on the figures for 1902, a 9½ foot concrete walk costs per linear foot 77 cents; a 4½ foot granolithic walk would cost per linear foot 84 cents.

I would suggest that hereafter petitioners for sidewalks be allowed to state their preference for either a full width concrete or a 4½ foot granolithic, and that it be left to the aldermen to determine which shall be laid, the betterment charge in each case to be 40 cents per linear foot.

Another matter to which your attention is invited is that of street cleaning, the increase in the cost of which has for a number of years been constant and rapid. The cost this year is more than double what it was four years ago. It is more than double the cost of collecting ashes, and is just about equal to the total cost of macadam for the year, including the entire cost of the three crushing plants.

In spite of this large outlay, it cannot be said that our streets are kept clean. Complaints of dirty streets come to the department daily, and the Superintendent is

usually only too well aware of the justice of these complaints.

Here is a case where a fair amount of co-operation on the part of citizens would aid materially in securing more nearly satisfactory conditions, and save to the city expense which results in no permanent form of improvement.

A village improvement society may find it an easy matter to regulate the conduct of a small community, but it is difficult to secure general co-operation in a city of seventy thousand.

It is not necessary to specify the many and senseless ways in which people help to litter the streets with useless rubbish. A more thorough appreciation of the uses of an ash barrel or rubbish can is what is wanted.

As the city grows, certain main thoroughfares have to sustain a largely increased amount of traffic, and as this is the factor which mainly determines the best form of pavement, it often becomes desirable to replace one pavement with another of a more durable nature. A number of our streets have now reached that condition where improved pavement is desirable.

Pleasant street, for instance, is the main thoroughfare for all kinds of driving and teaming by direct route through the city, and we should as fast as possible replace macadam pavement between Elm and Linden streets with something more durable, consideration being given to the desirable features of sheet asphalt, block asphalt, bituminous macadam, brick and granite block.

There are a number of other streets that should be similarly improved as soon as conditions admit.

Further recommendations will no doubt be brought to the attention of the Aldermen during the year.

Respectfully submitted,

C. F. LAWTON.

STREETS ACCEPTED.

STREET.	LOCATION.	WIDTH. Feet.	LENGTH. Feet.
Ashland	Clark to Penniman	40	181.78
Ashland	Penniman to Peckham	50	594.06
Austin	Shawmut ave. to Oak Grove Cemetery	40	638.67
Briggs	Rivet to Thompson	50	433.24
Chancery	Sycamore to Smith	40	234.08
Cleveland	David to Ruth	50	517.05
Clover	Grape to Allen	50	389.77
David	E. French ave. to Brock ave.	50	1,791.33
Field	Matthew to Stowell	50	370.25
Hyacinth	123.04 so. of Thompson to Thompson	40	123.04
Jenny Lind	Milton to 302.7 ft. north	50	302.70
Linden Court	Austin st. to Ashland place	20	112.40
Manomet	Harbor line to Riverside ave.	40	430.00
Mt. Pleasant Lane	Mt. Pleasant to Vine	20	335.76
Reynolds	Peckham to Adams	50	509.88
Riverside ave.	Earle st. to Belleville road	50	2,229.20
Tallman	Front st. to Acushnet ave.	50	328.89
Tinkham	Front st. to Acushnet ave.	50	389.80
Trinity	Bullock st. to Shawmut ave.	40	410.25
Waverly	Allen north 217.57 ft.	40	217.57
Wood	Acushnet ave. to Bowditch	50	2,666.39
Total 13,106.11 feet, or 2.482 miles			13,106.11

MACADAM, NEW.

STREET.	LOCATION.	Length.	Area Sq. Yds.	Cost.
Adams	County and Mt. Pleasant	1,618.0	4,135.0	\$1,825.23
Bedford	Sixth and Greene	649.0	1,053.8	496.94
Bethel	Union and William	222.6	445.2	264.37
Crapo	Rivet and Rockland	754.5	1,509.0	649.50
Division	County and Crapo	1,068.0	2,186.0	900.64
Elm	Park and Liberty	366.0	784.0	415.47
Hicks	Front st. and Acushnet ave.	835.0	1,670.0	689.46
Katherine	County and Crapo	900.0	2,400.0	1,182.22
Kempton	Square at Park	40.0	145.5	80.73
Leonard	Cross and Water	300.0	666.7	178.92
Liberty	Court and Kempton	1,044.0	2,112.4	663.06
Maxfield	Cottage and Spruce	140.0	280.0	59.63
Mosher	County and Crapo	1,022.0	2,725.3	1,084.15
Mt. Vernon	Mt. Pleasant and Vine	380.0	717.7	377.68
North	Square at Chestnut	20.0	44.4	68.74
Peckham	County and Myrtle	810.0	2,199.7	1,068.11
Rotch*	Hawthorn and Court			83.79
Sawyer**	East of Mitchell	834.2	2,267.2	29.58
Second	Cove and Division	636.0	1,440.0	744.41
Spruce	Maxfield and Sycamore	321.0	664.0	277.98
Vine	Durfee and Mt. Vernon	974.0	1,839.8	854.66
Winsor*	County and Crapo			450.93
		12,934.3	29,235.7	\$12,896.20

*Begun in 1901.

**Cost incomplete.

Cost per square yard	\$.440
Cost per foot	.981
Average tons of stone per square yard	.346

MACADAM REBUILT.

STREET.	LOCATION.	Length.	Area.	Cost.
Acushnet ave.	Sawyer st. and Coffin ave.	1,663.0	4,065.1	\$1,276.78
County	Rockland and South	463.0	1,423.0	457.15
Eighth	William and Mechanics Lane	167.0	334.0	123.54
Fifth	Madison and Walnut	268.0	631.0	150.29
First	School and Spring	166.0	332.0	189.78
Grinnell	Second st. and Acushnet ave.	198.0	385.0	164.80
Hawthorn	Cottage and Ash	579.0	1,158.0	359.26
Hillman	Square at Chestnut (new)	40.0 20.0	141.2 44.4 }	80.49
Madison	First st. and Acushnet ave.	277.6	534.1	119.76
Mill	Summer and Chestnut	241.8	535.2	194.71
Sawyer	Bowditch and Purchase	727.0	1,858.0	907.40
Second	Potomksa to north of Cannon	1,962.0	4,023.0	1,760.08
Smith	Cottage and Cedar	326.0	652.0	160.26
South	County and Summer	352.5	705.0	302.46
Weld	Purchase and Pleasant	240.0	480.0	171.91
		7,710.9	17,301.0	\$6,418.67

Cost per square yard \$.370
 Cost per foot .882
 Average tons of stone per square yard .213

MACADAM REPAIRED.

Total cost, \$1,054.15

PAVING, NEW.

STREET.	LOCATION.	ASPHALT BLOCK.			GRANITE BLOCK.			COBBLE.			Cost.
		Length. Feet.	Area. sq. Yds.	Length. Feet.	Area. sq. Yds.	Length. Feet.	Area. sq. Yds.	Length. Feet.	Area. sq. Yds.	Length. Feet.	
*Acushnet ave.	E. S., no. Howard ave.										
Front	At Middle			72	334.3					153.2	\$69.46
No. Oak	North of Pone	707 8	1,834.94			17		45.3		969.38	23 14
Purchase	Union and Elm			170	538.9					4,735.30	
**Purchase	North of Weld			2,112.7	5,732.7					1,191.61	
Water	South and Coffin									16,742.14	
		707.8	1,834.94	2,354.7	6,605.9	17	203.5				\$22,730.93
PAVING REPAIRED.											
Cobble paving											
Block paving											
*Paid under widening Acushnet ave.											
**Paid partly by Union Street Railway Co.											
Total cost of granite block paving											
Cost per square yard concrete foundation											
Total cost asphalt											
Cost per square yard											
Total cost of cobble paving											
Cost per square yard											
\$2,256.47											
32.78											

FILLING AND GRADING.

STREET.	LOCATION.	COST.
Abbott		\$151.69
Adams	West of County	981.38
Ashland	Clark and Peckham	206.12
Ashley	South of Ruth	218.42
Bay	Cottage and Dartmouth	101.34
Belleville ave.	Coffin ave. and Tarkiln Hill road	146.80
Bowditch	North of Nash road	1,472.30
Brock ave.	South of W. French ave.	231.44
Briggs	South of Thompson	178.28
Brook	North of Sawyer	209.83
Bullard	West of Bowditch	345.98
Chepatchet	Court and Kempton	289.30
Coggeshall	West of Bowditch	458.15
Coggeshall	West of Jean	849.94
Collette	West of Bowditch	326.26
Cove Road	First and Margin	225.26
David	West of Brock ave.	214.16
Dean	Foot of	163.27
Durfee	West of Shawmut ave.	119.28
Edward	West of Dartmouth	122.95
East French ave.		201.16
Grape	East of Rural	138.35
Hathaway ave.	West of Belleville ave.	1,298.05
Hemlock	South of Sidney	213.76
Hemlock	North of Thompson	283.96
Hollyhock	West of Dartmouth	299.50
Howland Dock		1,656.25
Hyacinth	Rivet and Thompson	161.81
Ingraham	East of Acushnet ave.	221.74
Jean	South of Sawyer	910.00
Jenny Lind	North of Kempton	378.13
Jouvert	West of County	312.82
Liberty	Hillman and Maxfield	118.68
Manomet	East of Riverside ave.	192.38
Nelson	West of County	335.27
North	Foot of	982.91
Nye	West of Bowditch	157.82
Peckham	County and Mt. Pleasant	365.10
Penniman	West of County	245.48
Phillips ave.	Riverside ave. and Belleville ave.	1,486.30
Phillips ave.	East of Front to Acushnet ave.	1,109.98
Phillips road	Acushnet ave., east	237.99
Potomiska	Foot of	497.39
Riverside ave.		1,207.37
Rockdale ave.	North of Dartmouth	114.89
Ruth	East of West French ave.	87.09
Ruth	West of East French ave.	600.22
Scott	West of County	240.53
Second	Cove and Division	240.93

FILLING AND GRADING.—*Continued.*

STREET.	LOCATION.	COST.
Shawmut ave.	North of Hathaway road	\$628.22
Thompson	West of Orchard	186.89
Tinkham	East of Acushnet ave.	1,451.83
Wall	Foot of	651.89
Washburn	Foot of	640.24
Willard	Brock ave. and West French ave.	762.21
Woodlawn	Brock ave. and West French ave.	1,186.00
Valentine	Brock ave. and West French ave.	207.24
Viall	Ruth and Cove	628.76
Sundry streets	Costing less than \$100	3,715.07
		\$31,356.31
Deducted because charged to collecting ashes	\$5,657.52	
" " " street cleaning	1,252.96	
" " " cleaning catch-basins	628.50	\$7,538.98
		\$23,817.33

STREET DEPARTMENT.

CUTTERS, NEW.

STREET.	LOCATION.	LENGTH.	AREA. Sq. Yds.	COST.
Adams	Both sides, Reynolds and Mt. Pleasant	2,122.7	830.7	\$593.92
Bay*	Both sides, Dartmouth and Cottage	717.9	239.3	125.86
Beech	East side, Mill and North	187.0	62.3	45.31
Blackmer	Both sides, Front and Water	235.0	78.4	31.61
Bridge	West side, Rivet and Thompson	361.6	122.7	104.84
Bullock	West side, Willard ad Austin	192.0	64.0	61.92
Chepatchet	Both sides, Court and Kempton	2,271.6	883.9	620.41
Cherry	North side, Sixth and County	438.2	169.6	137.39
Court	Both sides, Reed st. and Rockdale ave.	902.0	410.6	175.71
Crapo	East side, Mosher and Independent	688.0	189.3	215.98
Crapo	West side, Division and Rivet	1,100.00	427.8	251.91
Crapo	Both sides, Rivet and Thompson	635.0	215.7	114.55
Crapo	East side, Thompson and Rockland	350.0	116.7	59.35
Fair	North side, Bonney and Orchard	188.0	62.0	19.24
Front	Both sides, Blackmer and Rivet	559.0	202.3	97.92
Front	West side, South and Grinnell	325.0	108.3	63.05
Front	Both sides, Grinnell and Howland	1,082.0	360.7	185.27
Grape	Both sides, Short and Rural	1,209.0	437.0	241.25
Hall	Both sides, Rivet and Thompson	773.0	257.6	186.26
Hemlock	Both sides, Rivet and Rockland	1,390.0	470.1	287.21
Hunter	Both sides, Kempton and North	674.0	232.6	136.71
Hyacinth	Both sides, Rivet and Thompson	750.0	261.9	165.39
Jenny Lind	Both sides, Kempton and Hillman	1,400.0	554.8	395.36
Jouett	Both sides, County and Crapo	907.0	387.6	274.90
Kempton	South side, Chepatchet and Jenny Lind	209.0	81.4	43.98
Middle	Both sides, Rounds and Florence	514.0	173.4	101.11
Mosher*	North side, County and Crapo	1,019.0	343.0	184.90
Mt. Vernon	Both sides, Mt. Pleasant and Vine	720.0	297.6	218.51
Nelson	Both sides, County and Crapo	863.8	334.1	198.03
No. Oak	West side, north of Pope	144.0	48.0	36.48

GUTTERS, NEW.—Continued.

STREET DEPARTMENT.

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STREET.	LOCATION.	LENGTH.	AREA. Sq. Yds.	COST.
Orchard	Both sides, Rivet and Thompson	762.0	296.3	\$168.58
Peckham	Both sides, Reynolds and Myrtle	765.8	297.8	201.92
Penniman**	Both sides, Reynolds and Myrtle			28.48
Potomiska	South side, Prospect and Water	380.0	126.7	81.97
Reynolds	Both sides, Weld and Clark	876.0	295.3	191.70
Reynolds	West sides, Clark and Penniman	160.0	68.3	65.96
Rivet	Both sides, Front and Water	387.0	129.0	87.90
Sawyer	Both sides, east of Mitchell	1,595.0	639.4	338.93
Seventh	Both sides, Cherry and Madison	406.0	146.6	133.19
Short	Both sides, Grape and Allen	878.0	292.7	157.16
South	Both sides, County and Crapo	1,484.0	494.6	299.19
Stapleton	West side, Cove road and Cove st.	890.0	151.6	38.36
Summit	Both sides, Mill and Kempton	332.0	122.0	69.31
Thompson	Both sides, Orchard and Dartmouth	2,860.0	1,183.1	1,034.38
Valentine	Both sides, east of W. French ave.	1,200.0	474.7	283.19
Viall	West side, Ruth and Cove	1,499.0	585.5	331.96
Woodlawn	Both sides, Brock ave. and W. French ave.	860.4	332.6	232.98
Willard	Both sides, east of W. French ave.	730.0	284.0	179.23
		38,469.0	14,233.6	\$9,173.64

*Partly rebuilt.
**Cost incomplete.

Cost per square yard
Cost per foot length and average width

\$.643
.288

GUTTERS REPAIRED.

Total cost	\$899.99
Length in feet	1,646.6
Area in square yards	558.6
Cost per foot	\$.149
Cost per square yard	.441

GUTTERS, CONCRETE.

STREET.	LOCATION.	LENGTH.	AREA.		Cost.
			Sq. Yds.	401.6	
Bedford	Both sides, Sixth and Greene	1,204			\$204.61

Cost per square yard
Cost per foot length and average width

\$.509

.169

STREET DEPARTMENT.

CURBING, NEW.

STREET.	LOCATION.	LENGTH. Feet.	COST.
Acushnet ave.	East side, Walnut and School	80.5	\$57.50
Acushnet ave.	East side, north of Sawyer	90.0	57.41
Acushnet ave.	West side, north of Bullard	44.1	26.10
Allen	North side, west of Borden	149.3	91.61
Ashland•	West side, north of Clark	68.0	44.36
Austin	North side, west of County	84.3	55.96
Bay	Both sides, Dartmouth and Cottage	319.6	170.63
Beech	S. E. corner of North	12.5	9.39
Belleville ave.	West side, north of Holly	106.7	67.28
Belleville ave.	West side, north of Coffin ave.	74.2	61.96
Bonney	West side, north of Fair	89.0	54.12
Bonney	East side, south of Allen	76.0	63.72
Borden	West side, Allen and Bedford	317.2	217.98
Bowditch	East side, Beetle and Sawyer	84.4	61.46
Briggs	West side, Rivet and Thompson	374.1	245.18
Bullard	North side, Front street and Acushnet ave.	70.4	49.39
Bullock	Both sides, Willow and Austin	381.1	222.28
Chancery	East side, Parker and Tilton	169.4	101.84
Cherry	N. E. and S. E. corners County	26.0	19.54
Clark	North side, west of Ashland	92.3	67.93
Coffin ave.	North side, west of Belleville ave.	43.0	32.52
Coffin ave.	N. W. and N. E. corners Coffin ave. ct.	25.0	18.26
Coggeshall	North side, Howard and Acushnet aves.	112.3	78.63
Court	South side, Emerson and Chancery	68.2	40.89
Court	Both sides, Chancery and Park	199.4	131.33
Court	S. W. corner Reed	12.5	7.63
Court	S. E. and S. W. corners Rockdale ave.	28.0	19.80

CURBING, NEW.—Continued.

STREET.	LOCATION.	LENGTH. Feet.	COST.
Court	N. E. and N. W. corners Rockdale ave.	26.0	\$17.76
Court	N. E. and N. W. corners Chepatchet	25.0	17.56
Crapo	East side, Winsor and Katherine	155.6	137.48
Crapo	Both sides, Rivet and Thompson	333.0	206.86
Crapo	West side, Thompson and Rockland	70.5	41.53
Dartmouth	West side, Babbitt and Weaver	179.3	115.26
Dartmouth	East side, Thompson and Spooner	75.3	50.89
Fair	North side, Bonney and Orchard	189.8	166.84
Florence	East side, Mill and North	181.8	119.20
Florence	Both sides, North and Hillman	282.2	176.46
Front	East side, south of Bridge	42.7	30.94
Front	West side, Nye and Buillard	128.8	81.63
Grape*	North side, Short and Field	156.5	76.76
Grape*	South side, Short and Field	213.7	138.20
Grape	S. E. and S. W. corners Allen	25.0	19.80
Hall	East side, Rivet and Thompson	386.5	246.65
Hathaway*	Both sides, Acushnet ave. and Bowditch st.	953.2	786.72
Hillman	North side, State and Walden	161.7	117.40
Holly	North side, west of Belleville ave.	57.7	36.91
Hunter	Both sides, Mill and North	363.0	206.47
Hunter	East side, North and Hillman	63.9	38.23
Katherine	South side, County and Crapo	31.3	24.71
Kempton	S. E. corner Jenny Lind	12.5	9.46
Kempton	N. E. and N. W. corners Jenny Lind	25.0	18.42
Kempton	N. W. and N. E. corners Summit	25.0	17.00
Kempton	S. W. corner Chepatchet	12.5	8.70
Lincoln	East side, north of Arnold	69.0	42.36

STREET DEPARTMENT.

CURBING, NEW.—Continued.

STREET.	LOCATION.	LENGTH. Feet.	COST. \$
Middle	S. W. and N. W. corners Florence	26 0	21.87
Middle	S. E. and N. E. corners Round	26 0	16.32
Mill	North side, east of Florence	73 2	53.86
Mosher	North side, County and Crapo	531 5	306.46
Mt. Pleasant	S. E. and N. E. corners Adams	26 0	18.72
Myrtle	East side, north of Penniman	87 7	64.59
North	South side, west of Foster	54 2	39.05
North	North side, Florence and Hunter	110 2	67.34
Ocean	West side, Arnold and Union	210 6	136.56
Peckham	Four corners of Reynolds	50 0	36.49
Peckham	S. E. corner Myrtle	12.5	9.03
Reynolds	Both sides, Weld and Clark	887 2	591.11
Rivet	North side, Fourth and Bonney	162 6	91.25
Rivet	North side, Crapo and Bonney	95 9	63.96
Rivet	North side, east of Bolton road	33 7	23.56
Rivet	North side, Bolton road and Juniper st.	157 5	103.90
Rivet	North side, Juniper and Hemlock	216 1	138.41
Rockdale ave.	East side, Hillman and Maxfield	39 9	25.48
Rockdale ave.	Both sides, Maxfield and Grant	328 2	214.22
Sawyer	North side, east of Acushnet ave.	81 1	57.92
Sawyer	South side, Acushnet ave. and Bowditch st.	126 0	76.74
Seventh	N. E. and N. W. corners Cherry	26 0	16.02
Shawmut ave.	S. W. corner Madison	12 5	9.10
South	Both sides, north of Maitland	224 7	155.82
South	Both sides, County and Crapo	480 9	303.06
South	S. E. and N. E. corners Crapo	26 0	11.63
Sturley	Both sides, County and Ashland	100 0	47.46

CURBING, NEW.—*Continued.*

Street.	Location.	Length. Feet.	Cosr.
Thompson	Corners of Orchard	25.0	\$15.67
Thompson	Corners of Briggs	45.9	28.17
Thompson	Corners of Bolton road*	26.0	14.44
Union	North side, Chancery and Park	66.2	40.32
Viall	N. E. and N. W. corners Ruth	25.0	13.68
Water	S. E. corner Bridge	12.6	16.63
Weaver	South side, west of Dartmouth	152.6	93.75
		11,947.4	\$7,940.58

*Partly laid with old stone

Cost per foot	\$.668
Cost per foot of stone	.49
Cost per foot of labor	.178
Cost curbing, new, with old stone	.66
Length feet curbing, new, with old stone	345.2
Total cost new curbing	7,946.68

CURBING RELAID.

Total cost	\$3,330.27
Cost per foot relaid with new stone	.693
Cost per foot relaid with old stone	.146
Length feet curbing relaid with new stone	8,914.0
Length feet curbing relaid with old stone	3,525.8

CONCRETE, NEW.

STREET.	LOCATION.	AREA. Sq. Yds.	COST.	
Acushnet ave.	West side, north of Rivet	108.94	\$46.19	
Acushnet ave.	East side, Walnut and School	71.70	56.83	
Allen*	South side, Greene and Bonney	96.94	52.19	
Bedford	South side, Borden and Ash	36.94	31.69	
Bolton road***	East side, Rivet and Thompson	127.26	59.38	
Bonney	West side, Fair and Washington }	213.48	144.29	
Fair	North side, Bonney and Orchard }	68.70	38.28	
Bonney	East side, south of Allen	145.92	36.87	
Bowditch**	East side, Beetle and Sawyer }	North side, State and County	139.99	93.96
Sawyer	South side, east of Bowditch	East side, Smith and Campbell }	61.72	47.52
Campbell*	North side, Spruce and Cedar }	West side, north of Clark	185.27	103.17
Cedar	North side, Ashland and Mt. Pleasant }	North side, Chancery and Park	36.48	27.53
Smith	East side, Thompson and Spooner	East side, Wing and Bedford	75.29	62.08
Clark	East side, Spring and Union	West side, Rivet and Thompson	338.12	268.27
Ashland	East side, Rivet and Potomska	East side, Rivet and Rockland	34.42	42.64
Court	West side, Thompson and Rockland	North side, Acushnet ave. and Fourth st	56.29	42.89
Dartmouth	North side, Briggs and Bolton road	North side, Fourth and County	372.34	189.34
Fifth	West of Purchase	North side, Briggs and Bolton road	161.79	100.14
First	South side, Hall and Crapo	Cost per square yard	221.00	166.15
Fourth	East side, Howland and Griffin		97.88	52.69
Fourth*			55.75	19.50
Rivet*			149.72	170.40
Rivet			78.71	72.30
Rivet***			109.48	54.92
Sears Court				
Thompson				
Water*				
			2,989.13	\$1,971.67

*Partly rebuilt.

**Cost incomplete.

***Begun in 1901.

Cost per square yard \$.73

CONCRETE REPAIRED.

Total cost	\$5,087.86
Area in square yards rebuilt	5,998.55
Cost per square yard	.650
Area in square yards, top coat	2,001.92

GRANOLITHIC.

STREET DEPARTMENT.

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STREET.	LOCATION.	AREA.	Cost.
Acushnet ave.	East side, south of Walnut	70.29	\$115.83
Acushnet ave.	East side, north of School	121.96	202.36
Acushnet ave.	East side, north of Coggeshall	245.06	363.56
Acushnet ave.	West side, south of Sawyer	31.01	49.40
Acushnet ave.	East side, north of Beetle	78.64	127.66
Acushnet ave.	West side, north of Bullard	42.06	69.31
Acushnet ave.	East side, north of Kenyon	85.10	132.27
Austin	North side, west of County	91.74	150.35
Beetle	North side, east of Acushnet ave.	113.24	188.82
Bullard	North side, west of Acushnet ave.	143.82	237.01
Cedar	East side, Court and Morgan	161.09	291.93
Coggeshall	North side, east of Acushnet ave.	83.66	146.76
County	West side, south of Independent	47.93	75.76
County	West side, north of Austin	118.73	194.60
Foster	East side, Mill and North	48.09	83.69
Liberty	East side, North of Court	86.75	151.46
Mill	South side, east of Pleasant	48.75	92.48
Mill	North side, east of County	44.68	75.15
Mill	North side, east of Summer	35.63	62.10
Morgan	South side, east of Summer	100.04	174.32
North	South side, east of Cedar	67.74	122.76
Pleasant	South side, west of Foster	89.23	151.24
Pleasant	East side, south of Hillman	92.66	151.24
Purchase	East side, south of Mill	69.98	116.86
Purchase	West side, Middle and High	240.96	391.78
Sawyer	West side, William and Elm	364.49	608.12
Sawyer	South side, west of Acushnet ave.	71.04	113.16

GRANOLITHIC.—Continued.

STREET.	LOCATION.	AREA.	COST.
School	North side, east of Acushnet ave.	46.79	\$75.98
Shawmut ave.	West side, north of Maitland	156.64	247.43
State	East side, north of Sycamore	36.97	60.10
Union	East side, south of Willis	144.79	222.78
Walnut	North side, Acushnet ave. and Purchase	204.20	333.06
Willis	South side, east of Acushnet ave.	44.74	73.73
	North side, west of Reed court	40.21	70.83
		3,356.79	\$5,639.17
Cost per square yard		\$1.679	

RECAPITULATION—HIGHWAYS AND STREETS

GROSS EXPENDITURES.

Macadam, new	\$12,396.20
Macadam, repaired	1,054.15
Macadam, rebuilt	6,418.67
Macadam, bituminous, repaired	450.39
Filling and grading	23,817.83
Curbing, new	7,946.58
Curbing, relaid	3,830.27
Gutters, new	9,172.64
Gutters, concrete	204.61
Gutters, repaired	899.99
Concrete sidewalks, new	1,971.67
Concrete sidewalks, repaired	5,087.86
Gravel and cinder sidewalks	5,060.63
Paving, new	22,730.93
Paving, repaired	2,256.47
Flagging, new and repaired	999.23
Granolithic sidewalks, new	5,639.17
Crosswalks, new and repaired	481.41
Block pave Water street	742.17
Building bank walls sundry places	1,755.46
Collecting ashes	9,021.71
Sweeping and cleaning streets	19,532.11
Filling holes in streets	852.40
Removing snow and ice	1,955.12
Sanding icy walks	317.42
Picking up small stones	155.64
Carting stock to city yard	485.99
Labor handling stock	28.75
Stable yard work	786.26
Stable office expenses and salaries	1,675.69
Main office expenses and salaries	5,177.84
Janitor	174.53
Registration clerk	69.74
Advertising	11.00
Tools, new and repaired	1,071.06

STREET DEPARTMENT.

Repairs to buildings	173.50
Carriage hire	282.06
Accident account	105.80
Pumps, repaired	28.55
Road scrapers, repaired	30.48
Fences, new and repaired	21.36
Sundry small repairs	14.77
Wharfage on curbing, etc.	500.00
Miscellaneous items	1,128.82
Stock, labor and teaming charged at cost	30,621.18
Stock on hand December 2, 1902	5,963.00
	<hr/>
	\$191,900.51

Cr.

Appropriation	\$155,000.00
Credits	32,912.28
Stock on hand December 2, 1901	7,830.27
Excise tax on street railway companies	5,918.12
Expended	\$201,660.67
	<hr/>
Transferred	191,900.51
	<hr/>
	\$9,760.16

NET EXPENDITURES—HIGHWAYS AND STREETS.

Appropriation	\$155,000.00
Excise tax on street railway companies	5,918.12
	<hr/>
Credit balance	\$160,918.12
	<hr/>
	9,760.16
	<hr/>
	\$151,157.96

HIGHWAYS AND STREETS.

CENTRE CRUSHER.

60 tons of stone, at 55.01 cents per ton
 2,552 tons of stone, at 56.08 cents per ton
 9,866 tons of stone, at 62.53 cents per ton

12,478 total

Average cost of stone	61.16 cents per ton
Average cost of crushing	32.77 cents per ton
Total cost	93.93 cents per ton

PORTABLE CRUSHERS.

DUNBAR ST., WEST OF BOLTON ROAD.

1,095 tons of stone, at 57.8 cents per ton
 1,676 tons of stone, at 65.75 cents per ton
 6,315 tons of stone, at 63.89 cents per ton

9,086 total

Average cost of stone	63.50 cents per ton
Average cost of crushing	31.05 cents per ton
Total cost	94.55 cents per ton

COFFIN AVE., COR. OF CHURCH ST.

670 tons of stone, at 57.40 cents per ton
 1,215 tons of stone, at 39.87 cents per ton
 7,023 tons of stone, at 64.63 cents per ton

8,908 total

Average cost of stone	60.71 cents per ton
Average cost of crushing	32.27 cents per ton
Total cost	92.98 cents per ton
Average cost of crushed stone	\$.9383

STABLE AND TEAMING ACCOUNT.

Stock on hand December 3, 1901, (horses, teams, harnesses, hay, grain, straw, etc.)	\$16,099.20
Gross cost for 1902	39,373.38
	<hr/>
	\$55,472.58

STREET DEPARTMENT.

Received from water works, (board of horses)	\$882.00
Received for dressing	255.76
Received for pigs	117.50
Received from sundry persons	26.25
Stock on hand December 2, 1902	16,936.51
	\$18,168.02
Cost of teaming, including repairs of carts	\$37,304.56
Charge for work teams have done	34,569.52

DEPARTMENT HORSES.

Working horses	86
Driving horses	2
Total	88

CARTS IN USE.

Double carts	16
Single carts	17
Express wagons	4
Total	37

EXTRA CARTS, ETC.

Sundown	1
Light driving wagon	3
Open buggy	1
Goddard buggy	1
Water carts	2
Jigger	1
Single gear	1
Single gears (Tree Spraying)	2
Derrick gears	2
Sleighs	2
Road scrapers	2
Street sweepers	2
Total	20

BLACKSMITH SHOP.

Stock on hand December 3, 1901	\$1,491.86
Gross cost for 1902	3,907.74
<hr/>	
Total	\$5,399.60
Charged to sewers	\$659.96
General sewers	387.31
Sundry persons and departments	335.12
Stock on hand December 2, 1902	1,771.66
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Cost of blacksmithing to highways and streets	\$2,245.55

HIGHWAYS AND STREETS.

	1897.	1898.	1899.	1900.	1901.	1902.
\$26,095.02	\$21,652.17	\$24,417.11	\$25,589.47	\$25,529.65	\$12,386.20	
1,289.19	1,564.20	1,186.97	1,197.34	1,831.96	1,064.15	
6,776.42	17,158.36	20,773.43	9,128.12	14,465.02	6,418.67	
29,286.35	30,167.63	9,387.82	15,162.16	12,338.83	23,817.33	
14,471.13	14,818.59	8,171.18	7,805.38	7,827.41	11,276.80	
7,633.08	11,903.24	7,810.30	10,502.98	11,656.59	9,172.64	
778.87	1,502.05	2,187.37	1,108.84	1,314.64	899.99	
4,018.96	1,821.92	2,023.93	3,645.00	2,526.59	1,971.67	
1,313.32	998.33	1,663.50	1,960.90	3,417.07	5,067.86	
5,109.00	6,099.03	3,646.54	5,680.39	7,229.47	5,060.63	
12,573.83	16,027.71	27,477.52	17,230.63	21,687.26	22,730.93	
3,299.17	1,311.13	6,826.53	2,642.07	4,039.17	2,266.47	
3,412.64	1,691.61	1,301.54	1,238.24	2,124.54	989.23	
569.73	553.72	929.83	886.47	488.27	481.41	
11,250.80	9,106.06	11,081.47	11,994.32	14,927.16	19,632.11	
1,697.33	7,422.25	5,202.61	245.57	31.95	1,955.12	
8,998.80	9,976.42	10,128.02	9,470.04	8,972.03	9,021.71	
507.70	809.00	685.24	743.04	1,484.06	415.42	
1,321.03	993.60	684.20	756.44	1,075.91	882.40	

HIGHWAYS AND STREETS—Continued..

	MACADAM	1897.	1898.	1899.	1900.	1901.	1902.
New: —							
Length in feet		24,364	26,458	22,427	19,468	26,187.8	12,934.3
Area in square yards		38,058	58,134	52,101	46,044	60,287.8	29,235.7
Tons of stone used		24,092	22,044	22,456	21,186	19,189.0	9,172
Total cost		\$26,095.02	\$21,652.17	\$24,417.11	\$25,599.47	\$25,539.65	\$12,898.20
Cost per square yard		\$.44	\$.386	\$.463	\$.554	\$.422	\$.440
Av. tons of stone used per sq. yd.		.408	.394	.431	.462	.394	.346
Rebuilt: —							
Length in feet		9,139	24,510	24,230	17,718	19,021.8	7,710.9
Area in square yards		19,375	53,205	52,500	32,163	42,703.8	17,301.0
Tons of stone used		6,304	16,843	14,011	7,644	13,117	3,690
Total cost		\$6,776.42	\$17,158.36	\$20,773.43	\$9,128.12	\$14,465.02	\$6,418.67
Cost per square yard		\$.35	\$.315	\$.354	\$.359	\$.336	\$.370
Av. tons of stone used per sq. yd.		.325	.388	.317	.305	.284	.213
Repaired: —							
Total cost		\$1,289.19	\$1,564.20	\$1,186.97	\$1,797.34	\$1,831.96	\$1,054.15

HIGHWAYS AND STREETS—Continued.

PAVING.	1897.	1898.	1899.	1900.	1901.	1902.
Granite block on gravel:—						
Area in square yards			1,920			538.9
Cost			\$3,872.04			\$1,191.51
Cost per square yard			\$2.03			\$2.21
Granite block, concrete foundation:—						
Area in square yards	3,743	\$6,583	8,102	2,124.	8,127.2	6,067.0
Cost	\$8,593.77	\$16,696.36	\$16,803.66	\$6,110.86	\$16,260.63	\$16,711.62
Cost per square yard	\$2.295	\$2.37	\$2.71	\$2.41	\$2.64	\$2.75
Block asphalt:—						
Area in square yards	1,088		3,924		786.2	1,834.84
Cost	\$2,807.88		\$10,642.86	\$6,395.92	\$2,347.93	\$4,735.30
Cost per square yard	\$2.58		\$2.71	\$2.718	\$2.987	\$2.58
Cobble:—						
Area in square yards	3,314	1,119		9,794	143.6	203.5
Cost	\$1,172.18	\$431.85		\$5,723.85	\$78.70	\$92.60
Cost per square yard	\$3.405	\$3.885		\$3.634	\$3.634	\$3.455

HIGHWAYS AND STREETS—Continued.

GUTTERS.	1897.	1898.	1899.	1900.	1901.	1902.
New:—						
Length in feet						
Average width	40,884	66,186	42,024	49,673	62,381	38,131.6
Area in square yards	3.4	3.3	3.3	3.5	3.3	3.2
Cost	15,448	23,718	15,701	19,317	19,386	14,121.6
Cost per square yard	\$7,633.08	\$11,903.23	\$7,810.30	\$10,502.98	\$11,555.59	\$9,172.64
Cost per foot in length, of av'ge width	\$489	\$501	\$49	\$567	\$593	\$643
	\$1.85	\$1.82	\$1.82	\$209	\$210	\$238
Repaired:—						
Length in feet						
Area in square yards	2,211	8,979	16,677	6,833	6,086	1,646.6
Cost	774	3,075	6,595	2,387	2,170	658.6
Cost per square yard	\$78.87	\$1,502.05	\$2,187.37	\$1,108.84	\$1,314.64	\$899.99
Cost per foot in length	\$305	\$281	\$24	\$273	\$467	\$441
	\$1.07	\$0.96	\$0.97	\$0.99	\$1.17	\$1.19

STREET DEPARTMENT.

HIGHWAYS AND STREETS—Continued.

	CURBING.	1897.	1898.	1899.	1900.	1901.	1902.
New:—							
Length	27,429	81,097.20	13,410	12,024	10,206.3	11,947.4	
Cost	\$13,152.64	\$14,108.14	\$7,092.01	\$6,809.20	\$5,816.12	\$7,946.53	
Cost per foot	\$.481	\$.448	\$.531	\$.651	\$.667	\$.668	
Cost of stone per foot	\$.325	\$.30	\$.42	\$.39	\$.418	\$.49	
Cost per foot for labor	\$.156	\$.148	\$.111	\$.15	\$.149	\$.178	
Relaid with new curbing:—							
Length	1,024	1,154.65	1,381	723	2,378	3,914.0	
Cost per foot	\$.52	\$.441	\$.496	\$.548	\$.585	\$.693	
Relaid with old curbing:—							
Length	1,657	1,483.45	5,767	4,695	4,015.9	3,525.8	
Cost per foot	\$.139	\$.098	\$.115	\$.151	\$.147	\$.146	

HIGHWAYS AND STREETS—*Continued.*

CONCRETE.	1897.	1898.	1899.	1900.	1901.	1902.
New: —						
Area in square yards	9,742	6,449	5,465	8,198	4,630.89	2,380.80
Cost	\$1,018.96	\$1,881.92	\$2,023.93	\$3,689.67	\$2,526.59	\$1,971.67
Cost per square yard	\$1.422	\$3.558	\$3.378	\$4.482	\$5.54	\$4.73
Rebuilt: —						
Area in square yards	3,267	2,215	2,057	3,284	6,239.37	5,998.55
Cost per square yard	\$3.11	\$3.71	\$4.21	\$3.39	\$4.32	\$3.650
Topcoat: —						
Area in square yards	579	219	644	1,021		
Cost per square yard	\$2.56	\$2.64	\$2.16	\$3.11		

STREET DEPARTMENT.

WIDENING ACUSHNET AVENUE.

Howard avenue to Lund's corner.

Grading street, building walls, etc.	\$1,461.83
Cr.	
Amount brought forward from 1901	\$3,044.75
Expended	1,461.83
Carried forward to 1903	\$1,582.92

LAYOUT OF CHANCERY STREET.

Sycamore to Smith.

Land damages	\$998.80
Cr.	
Appropriation	\$998.80

BLOCK PAVE WATER STREET.

Cove to Union.

Stock, labor and teaming	\$15,742.14
Cr.	
Appropriation	\$15,000.00
Transfer to balance	742.14 \$15,742.14

PROTECTION OF SHADE TREES.

Stock, labor and teaming	\$2,868.08
Cr.	
Appropriation	\$3,500.00
Credits	140.57
Expended	\$3,640.57
	2,868.08
Transferred	\$772.49

COGGESHALL STREET BRIDGE.

Labor opening draw	\$8.14
Repairs, oiling, painting, etc.	184.96
CR.	
Appropriation	\$600.00
Expended	193.10
	\$406.90

DRAINS LAID.

Number.	Size Pipe	Length Feet.	Cost	Average Cost per Foot.
100	5 inch	3,828	\$1,820.98	\$.396
114	6 inch	4,288	1,999.19	.466
9	8 inch	204	172.69	.587
2	10 inch	68	38.81	.570
1	4 inch (iron)	56	42.59	.760
226			\$3,574.26	

127 drains repaired, cost	\$410.74
264 drains cleared, cost	720.32
Total cost of drains, new, repaired and cleared	\$4,705.32

CATCH-BASINS, NEW.

Cost	\$2,987.17
Number	36
Average cost	\$82.97
Catch-basins discontinued	11

RECAPITULATION—GENERAL SEWERS.

Catch-basins built	\$2,987.17
Catch-basins repaired	478.90
Catch-basins discontinued	91.90
Manholes, new and repaired	34.28
Eyeholes, new and repaired	87.29
Culverts and surface drains, new and repaired	1,511.72
Sewer construction	210.33
Sewers repaired	88.56
Office expenses and salaries	2,310.94
Tools, new and repaired	494.32
Tool-houses repaired	21.19
Catch-basins cleaned	3,717.45
Catch-basins flushed	27.24
Eyeholes and culverts cleaned	18.83
Carting stock to city yard	172.74
Blacksmithing	341.43
Flushing and cleaning sewers	100.72
Repairs to diaphragm pumps	79.73
Boilers repaired	226.22
Repairs to steam drills	51.83
Labor handling stock at city yard	23.87
Registration Clerk	69.74
Accident account	621.00
Stock furnished at cost	4,909.09
Drains, new, repaired and cleared	4,705.32
General repairs	28.96
Miscellaneous items	880.00
 Stock on hand December 2, 1902	\$1,519.79
	 \$25,810.06

CR.

Appropriation	\$12,000.00
Special appropriation	5,000.00
Credits	11,845.98
Stock on hand December 2, 1901	2,173.44
Expended	\$31,019.42
	25,810.06
 Transferred	 \$5,209.36

NET EXPENDITURES—GENERAL SEWERS.

Appropriation	\$12,000.00
Special appropriation	5,000.00
Credit balance	<u>5,209.36</u>
	11,790.64

NEW SEWERS.

Sundry appropriations	\$34,247.20
Sundry sewers built	24,863.41
Transferred	\$9,383.79

IN BOARD OF ALDERMEN,
Feb. 12, 1903.

Received and ordered printed in the City Documents,
and sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,
Feb. 12, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

SUMMARY OF DEPARTMENT AT THE

MONTHS	Barometer Readings Level and				RAIN AND SNOW		MONTHS
	5 P. M.	Means	Maximum	Amount or snow where it was	All others	Amount of rain and melted snow in inches	
January	30.14	30.77	9	Cloudy		3.18	3.5
February	29.82	30.46	9	"		4.63	20.0
March	29.97	30.65	5	"		7.02	5.0
April	29.97	30.39	10	"		8.33	
May	30.03	30.57	5	"		1.40	
June	29.94	30.63	6	"		3.63	
July	30.08	30.42	7	"		2.06	
August	30.01	30.36	9	"		1.02	
September	30.15	30.48	9	"		4.34	
October	30.13	30.62	4	"		5.49	
November	30.09	30.58	2	"		1.65	
December	29.89	30.59	1	"		6.647	21.
Means for year	30.02						Means for year
Totals for year			97	40	43.397	49.5	Totals for year
Extremes		30.77					Extremes

STREET	FROM	
Ashland	Clark	Adam
Austin	Shawmut ave.	Oak
Briggs	Rivet	Thom
Bullard	Bowditch	Onek
Chancery	Sycamore	Smit
Chancery	Smith	Camp
Cleveland	David	Ruth
Clover	Grape	Allen
Collette	Acushnet ave.	Old
David	E. French ave.	Broo
Field	Matthew	Stow
Hyacinthe	123.04 ft. s. of Thompson	Thom
Jenny Lind	Milton	Tayl
Linden court	Austin	Ashl
Manomet	Harbor line	Rive
Middle	Water	east
Mt. Pleasant lane	Mt. Pleasant	Vint
Newton	Court	Elm
Nye	Bowditch	Onek
Penniman	County	west
Reynolds	Peckham	Sawy
Riverside ave.	Harle	Belle
Sawyer	Present terminus	Mt.
Tallman	Belleville ave.	Front
Tallman	Front	Acus
Tinkham	Front	Acus
Trinity	Bullock	Shav
Water	Middle	nort
Waverly	Allen	nort
Wood	Acushnet ave.	Boy

STREET	OFFICE WORK			
Ashland	Clark	feet 40 & 50 ft. wide	Profile	Ac'd to Peckham
Austin	Shawmut	feet 40 ft. wide	Profile	Accepted
Briggs	Rivet	feet 50 ft. wide	Profile	Accepted
Bullard	Bowditch	feet 50 ft. wide	Profile	
Chancery	Sycamore	feet 40 ft. wide	Profile	Accepted
Chancery	Smith	feet 40 ft. wide	Profile	Hearing
Cleveland	David	feet 50 ft. wide	Profile	Accepted
Clover	Grape	feet 50 ft. wide	Profile	Accepted
Collette	Acushnet	feet 50 ft. wide	Profile	Accepted
David	E. French	feet 50 ft. wide	Profile	Accepted
Field	Matthew	feet 50 ft. wide	Profile	Accepted
Hyacinthe	123.04 ft.	feet 40 ft. wide	Profile	Accepted
Jenny Lind	Milton	feet 50 ft. wide	Profile	Accepted
Linden court	Austin	feet 20 ft. wide	Profile	Accepted
Manomet	Harbor	feet 40 ft. wide	Profile	Accepted
Middle	Water		Profile	Accepted
Mt. Pleasant lane	Mt. Pleasant	feet 20 ft. wide	Profile	Accepted
Newton	Court	feet 40 ft. wide	Profile	Hearing
Nye	Bowditch	feet 50 ft. wide	Profile	
Penniman	County	feet 50 ft. wide	Profile	Hearing
Reynolds	Peckham	feet 50 ft. wide	Profile	Accepted
Riverside ave.	Earle	feet 60 ft. wide	Profile	Accepted
Sawyer	Present	feet 50 ft. wide	Profile	Hearing
Tallman	Belleville	feet 60 ft. wide	Profile	
Tallman	Front	feet 50 ft. wide	Profile	Accepted
Tinkham	Front	feet 50 ft. wide	Profile	Accepted
Trinity	Bullock	feet 40 ft. wide	Profile	Accepted
Water	Middle		Profile	Accepted
Waverly	Allen	feet 40 ft. wide	Profile	Accepted
Wood	Acushnet	feet 50 ft. wide	Profile	Accepted

RS CONS

Average per cu m in cu jeuge	Cubic yards ledge	Cubic yards earth	Total cubic yards excavation	Number of manholes	Finished	REMARKS
Ba		197	197	1	November 6	Cost incomplete
Br		388	338	1	May 1	
Cl 30	17	644	661	1	December 6	Cost incomplete
Da 86	120	1475	1595	2	November 20	
Fa		715	715	1	January 13	
He		312	312	1	July 3	
Ho		498	498	1	October 3	
Li		458	458	1	August 2	
No		651	651	1	October 11	
Pc		572	572	1	May 9	
Pk 40	17	2268	2285	4	July 9	
Pk		391	391		June 5	
Ru		878	378	1	October 18	
Tx		407	407	1	November 15	
W		350	850	1	November 11	48" arch put over old 24" invert
W 75	40	918	956	1	June 28	
W		1010	1010	1		
V		853	853	1	August 23	
W		1243	1243	2	Sept. 6	
	194	13671	13865	23		

Cl		21	21		January 5	
W		20	20		December 21	
	194	13712	13906	23		

1903—CITY DOCUMENT No. 12.

TENTH ANNUAL REPORT

OF THE

Superintendent of Public Buildings

ALSO

INSPECTOR OF BUILDINGS

OF THE

CITY OF NEW BEDFORD

For the Year 1902.

**NEW BEDFORD:
THE A. E. COFFIN PRESS, CITY PRINTERS,
1903.**

REPORT

OF THE

Superintendent of Public Buildings.

OFFICE OF SUPERINTENDENT OF PUBLIC BUILDINGS,
NEW BEDFORD, MASS., Dec. 31, 1902.

*To his Honor the Mayor and the City Council of the
City of New Bedford:*

GENTLEMEN:— I herewith submit my tenth annual report as Superintendent of Public Buildings, also as Inspector of Buildings.

The principal work of the year on city buildings consisted mainly of alterations and repairs, the only new structure begun during the year being a kitchen built of brick at the Almshouse, which was contracted for and work begun in August; during the progress of the work it was found necessary to make certain changes in the plans, and also to construct a tunnel 3' x 6' clear, to connect the boiler room and kitchen cellar with the hospital; this tunnel extends from the kitchen cellar to the cellar of hospital building and is carried under a portion of the

yard and under the south wing of main building; it forms a convenient passage between the buildings named, and a proper place in which to carry water and steam piping.

The cost of these changes and of the tunnel was agreed upon and the work ordered in October. It is hoped that the work will be completed early in January next.

WOMAN'S HOSPITAL.

A full description of this building was given in my last report; the work on the building which had been stopped during the cold weather was resumed early in the spring; the progress of the work on the building has been delayed somewhat, owing in part to the inability of the contractor to have material furnished on time, and to the inability of the city to furnish coal to dry the building before, and during the time it was being plastered and finished.

It is expected that the building will be completed early in the coming spring.

Some alterations and repairs were made in the Alms-house, these being rendered necessary by the erection of the new hospital and kitchen.

PARKER STREET SCHOOL.

EXTENSIVE ALTERATIONS AND REPAIRS.

In connection with the extensive alterations and repairs made in this building during the summer vacation, I desire to quote the following extracts from my last year's report.

"In my reports for 1899 and 1900 I called attention to the necessity of some needed repairs being made in this

building. From the records available, I learn that the older portion was erected in 1852, built of brick, two stories high having pitched gable roof, and containing six class rooms, two of these being in the attic. In 1874 a large addition two stories high, built of brick with mansard roof story, was added; this contains six class rooms with an assembly hall in the roof story.

I find that both sections of the building are very much out of repair; that the building is inadequately heated, the heating plant being almost worn out; that there is no system of ventilation nor proper toilet facilities provided.

I would therefore recommend that the building throughout be put in thorough repair, the mansard roof story to be extended over the old section, thereby providing two modern class rooms where the attic rooms are now; that a slate roof with copper gutters be put on to replace the worn out shingled roof and decayed wood gutters; that a modern system of steam heating and ventilation be provided, also a well ventilated system of flushing school closets be provided in the basement, with suitable drainage for closets and roof water; and that the basement ceiling be plastered and a new cement floor be laid in the basement.

These changes would involve extensive repairs in the plastering. The plastered walls and ceilings above basement would need painting; the woodwork throughout should be painted. I realize the difficulty of correctly estimating the cost of the extensive repairs here suggested in a building of this character, but it may be well to consider the fact that this building would provide for as many pupils as the twelve-room schools recently erected in the north and south parts of the city, and the cost would not equal half the cost of these schools.

I would suggest that an architect be employed to prepare plans and specifications for the work contemplated and the work done under contract."

In the early spring, the city council decided to have the building put in thorough repair; for this purpose plans and specifications were prepared by Mr. S. C. Hunt, architect; proposals were received and contracts for the work entered into with John B. Sullivan & Son, for the building work, and with A. A. Sanborn for the heating and ventilating.

During the progress of the work it was found that the older portion of the building was in a much worse condition than had been apparent when the plans were made; the roof truss timbers were found to have decayed; these were replaced by steel girders; the walls were found to be unsafe, owing to the four-inch hollow space that existed, and had to be taken down to the window arches and relaid; numerous springs developed in excavating for the boiler room in the cellar; this necessitated water proofing the entire boiler room, which is six feet below the cellar bottom; the plastering throughout the building, which was supposed to be in fairly good condition when the plans and specifications were prepared, was found to be unfit to remain and be patched up, and it was decided to lath and plaster the building anew.

On the exterior brick walls it was decided that they be given two coats of Cabot's brick preservative; this was rendered necessary, owing to the amount of brick work that had to be relaid and in order to kill the stains and discolorations in the brick work and bring it to a uniform color; besides, this material serves to exclude dampness.

The work here outlined in a general way, was not included in the original contract, and was ordered after the condition of the building was looked into by the mayor and committee on city property; the building was opened for school purposes on the first of December.

This building contains twelve class rooms, with an assembly hall, principal's office and teachers' rooms; the two class rooms which were formerly in the attic of the

old section, are now equal to the rooms in the lower stories; the heating is by steam supplied by two boilers of ample capacity, direct radiation being used in the corridors and teachers' rooms and a portion of the assembly hall, and indirect radiation in the class rooms and assembly hall where ventilation is provided; the ventilation, both supply and exhaust, is by the gravity system, and was installed as outlined by State Inspector Moore of this district; tests that have been made in cold weather show the heating and ventilation to be equal to the best of our recently built schools.

Well ventilated automatic flushing school closets are provided in the basement, the equipment throughout is equal to our best schools; the expense which will be not much if any more than half the cost of a building giving the same accommodation, is amply justified by the result attained.

HARRINGTON TRAINING SCHOOL.

On Nov. 4th, 1901, during the morning session, fire was discovered in the upper section of the tower above the third story, where the electric motor which drives the exhaust fan is placed. The school was quietly dismissed without the least excitement or panic; much credit is due the principal and teachers, as well as the janitor in this connection.

The fire was confined to the section of the tower in which it occurred, the bell deck and main vent shaft being nearly destroyed. The city fire alarm apparatus was much damaged; the damage to the building below was mainly by water in the tower section; the electric motor was damaged beyond repair.

The damaged portion of the tower has been repaired; a new bell deck covered with copper has been built; a new main vent shaft built and carried higher in the tower

than the former one, to insure as good ventilation as can be had by gravity; the plastering in the tower section has been repaired and other necessary repairs made.

Regarding the further use of the exhaust fan in the tower, operated by electric power, I would recommend that it be dispensed with, because of the danger from fire. I am satisfied that good ventilation can be provided by gravity by having the vent flues properly heated with steam coils. The supply fan in the basement is still driven by electric power.

Now that our increased water supply gives sufficient pressure to use water power, I would recommend that water power be substituted in the basement. The cost of making the change would be no more than the city now pays for electric power in one year; besides, an element of danger from fire would be eliminated.

CLARK STREET SCHOOL.

This school was erected in 1895-96, and was opened in September of the latter year. I have in each of my annual reports urged the necessity of having the school yard graded and put in proper condition for use. I beg to quote a portion of my report for the year 1898 in this connection.

"The school yard has never been graded; the earth filling was nearly completed when the school was opened, but the material is being rapidly washed away into the lower streets; the greater portion of the yard is dangerous for the children to play in, particularly so when the ground is frozen, because of the high banks on Penniman and Reynolds streets. The yard needs a retaining wall and fence built on about one half the yard with curbing and steps and walks at the approaches. Plans for this work were prepared by Mr. S. C. Hunt, architect, during

the past year, and it was hoped then that the work would be done during the last summer vacation."

I regret to add that fully one-third of the earth filling has been washed away, and the condition of the yard becomes more dangerous as the years go by. The plans, etc., made in 1898, are still available, and I trust the work will be attended to this year.

BROCK AVENUE SCHOOL.

This school was completed in 1898, and occupied in September of that year. I beg to renew my former suggestions that the school yard be curbed and graded and suitable walks be put in at the approaches. There is much complaint on the part of parents and others interested in the school at the muddy condition of the premises.

SCHOOL BUILDINGS COMPLETED IN 1901.

Of the three new school buildings completed and occupied at the beginning of the school year in September, 1901, concerning the heating and ventilation, I desire to say, that, the tests made by the state inspector, showed that the Shawmut Avenue School was fully up to the requirements of the contract; the Blackmer Street School and Coggeshall Street School, when tested, failed to come up to the guarantees called for in the contract; the contractor, when notified, proceeded to remedy the defects complained of; it is expected that when further tests are made this winter, that the trouble will be got rid of. The city holds a certain portion of the contract price and a surety company's bond until the work is made satisfactory.

SCHOOL HOUSE REPAIRS.

The usual ordinary repairs have been made in school buildings as directed by the school committee.

FIRE STATIONS.

The roofs of fire stations Nos. 1 and 4 have been covered with wood shingles; the outside woodwork has been painted and the brick walls given a coat of brick preservative; other minor repairs were made. In the matter of covering the roofs of these fire stations with wood shingles, I desire to say that I believe it is a mistake and very poor economy. I believe that city brick buildings, located well in the centre of the city ought to have slate roofs; had I been consulted by those who ordered the work done, and themselves took charge of the work, I should have advised that slate be used.

CARE AND MANAGEMENT OF STEAM BOILERS.

Steam heat being used in nearly all our city buildings, it is important that the management and care of boilers and of the heating and ventilating plants in school buildings should be in intelligent hands. In some cases the business is new to the janitors in charge, and they labor under many disadvantages while becoming familiar with their work, the result being that the plant is liable to be mismanaged and improperly handled.

I believe that it would be economy for the city to employ a capable man to have full charge of the heating and ventilating plants, and of all the boilers used for heating purposes, one whose duty it would be to instruct the janitors in their work and would do the ordinary repairs required.

SCHEDULE OF CITY BUILDINGS.

The following tables give a schedule of buildings owned by the city, their location, when built or acquired, valuation of land and valuation of buildings.

SUPERINTENDENT OF BUILDINGS.

SCHOOL BUILDINGS.

NAME OF SCHOOL	LOCATION	YEAR built, enlarged or remodeled, etc.	MATERIAL	No. ROOMS	No. SCHOOLS	No. ROOFS	Rod's of land	Valuation of land	Valuation of buildings and fixtures.	TOTAL
Linden street	Linden street	1848	Wood	2	4	40.25	\$5,000	\$1,100	\$6,100	
Middle street	Summer and Middle sts.	1844	Brick	3	5*	117.26	10,000	25,000	35,000	
Plainville	Plainville road	1846	Wood	1	1	42.91	100	1,000	1,100	
North	County road, near North line	1852-1861	Wood	1	2	60	200	1,800	2,000	
Parker street	Parker street	1852-1874-1892	Brick	2	12*	140.87	7,750	62,000	59,700	
Cannonville	Rockdale avenue	1858	Wood	2	4	20	200	1,000	1,300	
Cedar street	Cedar and Maxfield sts.	1855	Wood	6	9	34.39	1,700	5,300	7,000	
Dartmouth street	Dartmouth and Hickory sts.	1856-1860	Wood	2	8	60.16	8,500	18,000	17,100	
Rockdale	Hathaway road	1855	Wood	1	2	50.94	100	1,000	1,100	
Merrimac street	Merrimac and State sts.	1867	Brick	2	6	60.45	3,300	15,000	18,300	
Fifth street	Fifth and Russell sts.	1860-1876	Brick	3	10*	65.54	6,000	30,000	36,000	
High	Summer street	1876	Brick	2	10*	133.88	11,000	100,000	111,000	
Achshinet avenue	Achshinet ave., near Grinnell	1873-1884	Brick	2	10	82.88	6,000	44,000	50,000	
Mary B. White	Maxfield and Pleasant	1881	Brick	2	4	81.37	4,300	21,000	25,300	
Cedar Grove street	Cedar Grove street	1883-1892	Brick	2	15	118.75	5,100	31,000	36,000	
Thompson street	Thompson street	1885	Brick	2	10*	80	4,300	33,500	37,800	
Achshinet	Achshinet av., nr. Lund's cor.	1889-1900	Wood	2	4	124.90	1,700	14,000	15,700	
Harrington	Court street	1888-1890	Brick	3	11*	180.13	5,900	50,000	55,000	
I. W. Benjamin	Division street	1891	Brick	3	12	110.74	6,000	26,000	34,000	
Sylvia Ann Howland	Pleasant and High sts.	1888-1901	Brick	2	7	61.89	9,300	66,000	68,100	
Thomas A. Greene	Fourth and Madison	1894	Brick	2	10	68.58	5,200	58,000	68,200	
Clark street	Clark street	1897	Brick	2	8	119.54	3,500	37,000	40,500	
Geo. H. Dunbar	Dunbar and Dartmouth sts.	1897	Brick	2	8	140	2,700	40,000	42,700	
Phillips avenue	Phillips avenue	1897	Brick	2	8	118.06	5,500	38,000	38,500	
Wm. H. Taylor	Brock avenue	1898	Brick	2	8	82.64	8,000	40,000	45,000	
John H. Clifford	Coggeshall and Bowditch sts.	1901	Brick	3	12	210.60	12,686	71,600	64,286	
Robert C. Ingraham	Blackmer street	1901	Brick	3	12*	199.11	13,000	70,000	88,000	
Horatio A. Kempson	Shawmut avenue	1901	Brick	2	8	142.30	4,380	43,000	47,680	

*Assembly hall.

FIRE STATIONS.

NAME OF STATION	LOCATION	YEAR BUILT	MATERIAL	NO. ROOFS	ROOFS OF LAND	VALUATION OF LAND	VALUATION OF BUILDING	TOTAL
No. 2	Purchase st. and Mechanics lane	1821	Brick	2	14.22	\$23,000	\$25,000	\$48,000
" 9	Acushnet ave., near Lund's cor.	1861	Wood	2	8.81	2,900	2,900	2,500
" 4	Sixth and Bedford sts.	1865	Brick	2	20.04	1,700	14,900	16,000
" 1	Purchase and Franklin sts.	1871	Brick	2	26.68	1,500	12,000	12,500
" 6	Fourth st., near Potomack st.	1882	Brick	2	28.26	1,300	14,000	15,500
Weld street	Weld st.	1888	Brick	2	27.12	4,500	8,500	13,000
No. 7	Durfee st.	1890	Brick	2	37.38	1,500	20,000	21,500
" 5	County and Hillman sts.	1892	Brick	2	23.85	3,300	20,000	23,300
" 8	Acushnet ave. and Davis st.	1894	Brick	2	47.00	2,600	24,000	26,600
								\$178,900

POLICE STATIONS.

NAME	LOCATION	YEAR BUILT	MATERIAL	Roads of land		Valuation of building		TOTAL	
				No. of lots	Rods of land	Valuation of building			
Central	Second street	1822	Brick	2	44.48	\$5,400	\$10,000	\$15,400	
	Willis st., near Purchase st.	1830	Wood	2	12.27	1,825	2,500	3,825	
	Weld street	1838	Brick	2	27.12	4,500	8,500	13,000	
	Blackmer st.	1832	Brick	2	7.76	800	12,000	12,800	
	Kempion st.	1838	Brick	2	11.94	1,650	18,000	20,650	
Police Stable	Second street, near School	1891	Wood	2	18.24	1,500	2,900	4,400	
									\$70,075

OTHER PUBLIC BUILDINGS.

SUPERINTENDENT OF BUILDINGS.

15

NAME	LOCATION	YEAR built	MATERIAL	No. Stories	Road Land	Valueation of land	Valueation of building	TOTAL
City Hall	William & Pleasant st	1857	Stone	3	101.74	\$167,000	\$40,000	\$207,000
Library Building	William & Pleasant st.	1892	Brick	2	68.75	104,000	30,000	134,000
Armhouse Property	Clark's Point	1828	Stone & Wood	3	.77	46,000	54,000	110,000
City Stables	Ash street	1877	Brick	1 & 2	456.33	8,400	35,000	45,400
Pumping Station and Lot	Purchase street	1866-1870	Stone	1	640.	24,000	25,000	49,000
School Committee Headquarters	William street	1846	Wood	2	24.61	5,000	4,700	9,700
Veteran Fireman's Headquarters	High and Foster st.	1848	Wood	2	9.83	1,000	1,300	2,300
Ward Room	Fourth street	1885	Wood	1	3.82	500	650	1,150
Ward Room	Rivet street	1896	Wood	1	4.19	500	2,000	2,500
Bathing House	East French ave.	1899	Wood	1	leased land		1,700	1,700
Water Works	Lakeville	1885-1900	Brick & Wood				138,000	138,000
Miscellaneous Buildings on City Park, etc.							21,400	21,400
								\$720,150

RECAPITULATION.

School Buildings,	\$1,051,416
Fire Stations,	179,900
Police Stations,	70,075
Other Public Buildings,	720,150
<hr/>	
Total,	\$2,021,541

I desire to express my thanks to His Honor the Mayor, and to the different committees of the City Council, and to the School Committee for their kindly co-operation and support in carrying out the work in my charge.

Respectfully submitted,
EDMUND O'KEEFE,
Supt. Public Buildings.

**REPORT
OF
Inspector of Buildings.**

**OFFICE OF INSPECTOR OF BUILDINGS,
NEW BEDFORD, MASS., Dec. 31, 1902.**

BUILDING STATISTICS FOR 1902.

The total number of building permits granted during the year for new buildings, alterations and repairs was 470, at an estimated cost of \$1,968,840, classified as follows:

	No. Permits.	Estimated Cost
New dwellings (including stores and dwellings combined)	164	\$460,900
New buildings and additions for manufacturing and business purposes	26	1,160,000
State and City Armory	1	130,000
Buildings for purpose of halls and stores	2	25,000
Building for religious purposes	1	7,000
Additions, alterations and repairs to dwellings, stores, etc.	194	88,927
Miscellaneous buildings, including barns, sheds, buildings moved, etc.	82	30,590
	<hr/> 470	<hr/> \$1,968,840

CITY BUILDINGS.

Additions, alterations and repairs to Parker street school	\$40,866
Additions, alterations and repairs to school houses and other city buildings	25,557
	66,423
Total	\$1,968,840
Number of new tenements added, including tenements in build- ings altered	354
Number of new stores added	33

CLASSIFICATION OF NEW DWELLINGS.

Number of dwellings of one tenement each	64
" " two tenements "	41
" " three " "	53
" " four " "	2
" " six " "	4
Total	164

Prominent among the building permits granted during the year were the following:

Butler Mill Corp'n, three buildings; Whitman Mill Corp., three buildings; State and City Armory; N. B. Gas & Edison Light Co., three buildings; N. E. Cotton Yarn Co., one new building, four additions; J. L. Humphrey, Jr., cold storage plant; J. C. Rhodes Co., eyelet factory; Pairpoint Corp'n, glass manufacturing building; A. L. Blackmer Co., glass cutting factory, two buildings; Hathaway Mfg. Co., one new building, two additions; Bristol Mill Corp'n, addition; Acushnet Mills Corp'n, addition; Unitarian Chapel, Tallman street; French Zouaves building, Acushnet Ave. and Kenyon street; Parker street school, additions and alterations.

The estimated cost of buildings erected in 1902, was \$1,968,840, while those erected in 1901, cost \$1,099,102, showing an increase for 1902 over 1901 of \$869,738. Of this total the buildings erected for manufacturing, busi-

ness and office purposes cost, \$1,160,000 as compared with \$497,000 in 1901. Number of new tenements added in 1902, was 354, as compared with 161 erected in 1901, showing an increase in tenements added for the year 1902 of 193.

Cost of building operations for previous years:

1895	\$1,301,871
1896	1,687,396
1897	1,357,395
1898	490,647
1899	708,245
1900	755,401
1901	1,099,102

Many old and dilapidated buildings in different parts of the City were taken down the past year, and replaced by modern buildings.

Prominent among the buildings taken down the past year, was the building known as Taber's Block, located at head of Taber's Wharf, recently acquired by the city. This building and the land upon which it stands was sold to James L. Humphrey, Jr., for a nominal sum with the agreement that the old building should be taken down and a modern brick cold storage building erected on its site, to cost not less than \$30,000. The terms of the agreement have been more than fully carried out, a handsome brick structure now adorns this site costing over \$70,000, adding valuable taxable property to the city.

Our city officials also transferred a portion of the Rotch Wharf property owned by city to the J. C. Rhodes Co., for purpose of erecting a four story brick manufacturing building to cost not less than \$50,000. This agreement has been fully carried out, the factory giving employment to many hands, and again adding valuable property to our tax list.

Thirty-one notices were sent out by the Inspector during the year for various violations of the building laws, such as unsafe chimneys, unsafe and neglected buildings, etc. Twenty-two of said cases were adjusted at the office of the Inspector, and nine were brought before the Committee on Buildings in the Fire Districts, for official action.

Section 45, Chapter 481, of the Public Statutes, Acts of 1894, provides that the Inspector of Buildings shall in the month of May of each year inspect every room of every hotel and lodging house of ten or more rooms above the second story in this city, to ascertain if the provisions of the law regarding means of escape from such rooms in case of fire and that means of extinguishing fires are provided and complied with.

I have to report that such inspection was made in the month of May and that I found in nearly all cases that the law was complied with, and have so reported to the Chief of State Police in Boston.

I desire again, as in previous years, to call your attention to the necessity of revising to some extent the building ordinances of the city. The necessity for doing so becomes more apparent as the city continues to grow.

I shall merely outline a few of the more important changes that I would like to see introduced in the construction of our buildings.

Good, strong foundations and underpinnings; also strong brick piers or iron columns for the support of buildings should be insisted upon.

All brick chimney flues should have an eight-inch shell, or if built with a four-inch shell should have a terra cotta or other lining. In this connection I can say from data in my possession that there are more fires in dwellings caused by defective chimney flues than from all other causes combined.

Where one or more families are to occupy tenements above the first story, that two flights of stairs placed as far apart as possible shall be provided to reach every story containing living or sleeping rooms, in order to make safe exits in case of fire. The necessity for this requirement has been forcibly brought out in the case of a recent fire in this city, where four persons lost their lives.

The matter has received the attention of the Committee on Buildings in the Fire Districts, to the extent that the following vote was passed at a meeting of the committee held December 28, 1898.

Voted, That all dwellings containing two or more tenements shall have not less than two inside stairways to reach every floor containing living or sleeping rooms, the stairways to be placed as far apart as practicable or as may be directed by the Inspector of Buildings.

There are certain tenement houses that are considered fire-traps in this respect. Would it not be well to stop increasing the number of such?

Wooden buildings should be placed a sufficient distance apart on adjoining lots to allow facilities for putting out fires. Where wooden buildings are allowed nearer the line than the prescribed distance, the wall next the line should be built of brick or stone, with openings, if any, in said wall to be provided with fire-proof shutters.

The erection of stables of any kind nearer than a certain limited distance to dwellings should be prohibited.

There are other questions and ideas relating to the work of the Committee on Buildings in the Fire Districts which are not here mentioned, but which will be brought before your honorable body in due time by the committee.

As will be seen by the foregoing statistics the year 1902 was the largest building year since any record has been kept of the building operations of this city. The year 1896 being the largest year previous in the matter of cost, on account of the large increase in cotton manufactoryes during the year. On account of the continued prosperity of our city during the past year, the prospects for 1903 seem even brighter than that of 1902, the coming spring promising to eclips any previous season in the erection of tenement dwellings.

A large amount of work, such as answering inquiries or giving advice and counsel regarding building enterprises, cannot be tabulated, and is a constantly growing factor in the proceedings of this office.

I must gratefully thank the Committee on Buildings in the Fire Districts for the able and painstaking manner in which they have advised in all matters pertaining to the work of the office.

Respectfully submitted,

EDMUND O'KEEFE,

Inspector of Buildings.

IN BOARD OF ALDERMEN,

September 10, 1903.

Received, ordered printed in the City Documents and
sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,

September 10, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 13.

REPORT

OF THE

**BOARD OF
OVERSEERS OF THE POOR**

OF THE

CITY OF NEW BEDFORD

FOR THE YEAR 1902.

NEW BEDFORD, MASS.

**THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.**

MEMBERS OF THE BOARD.

CHARLES S. PAISLER,
ALBERT H. W. CARPENTER,
WILLIAM H. RANKIN.

OFFICERS OF THE BOARD.

CHARLES S. PAISLER,
Chairman.
ALBERT H. W. CARPENTER,
Secretary.
ELLA F. BUCKLYN,
Clerk to the Board.
AUGUSTUS A. WOOD,
Visitor to the Board.
ANTONE H. SENNA,
Interpreter to the Board.
ALPHONSE NORMANDIN, M. D.,
Physician, North District.
JOSEPH A. FRASIER, M. D.,
Physician, South District.
FREEMAN H. ASHLEY,
Keeper of Almshouse.
CHARLOTTE S. ASHLEY,
Matron of Almshouse.
REV. EDWARD WILLIAMS,
Chaplain of Almshouse.
ANDREW J. ASHLEY,
Keeper of Wood and Coal Yard.

REPORT.

*To His Honor the Mayor and the City Council of
the City of New Bedford:*

GENTLEMEN:—The Board of Overseers of the Poor submit their annual report for the fiscal year ending December 1, 1902.

The appended itemized tables under the several heads will give the full particulars as to the amount expended for each division.

Respectfully submitted,

CHARLES S. PAISLER,
A. H. W. CARPENTER,
W. H. RANKIN.

FINANCIAL STATEMENT.

DR.

To amount of appropriation	\$55,000.00
" " " special appropriation	9,000 00
Received from state for support of paupers	3,510.61
" " cities and towns	3,039.85
" " for support of insane	1,228.25
" " from individuals	630.90
" " sale of hay	1,211.55
	<hr/>
	\$73,621.16

CR.

MONTHS.	Outside Relief.	Insane Hospitals and State Instituti'ns	Cities and Towns.	Alms-house.	TOTALS.
1901, December	\$2,048.94		\$9.20	\$2,178.21	\$4,236.35
1902, January	2,465.82	\$3,704.78	391.72	1,985.92	8,548.24
February	2,394.57	338.94	353.41	2,162.22	5,249.14
March	2,614.17		10.00	1,685.30	4,309.47
April	2,439.45	3,682.68	25.61	2,202.99	8,517.85
May	2,368.27	311.63	116.87	1,894.71	4,691.48
June	2,268.82		19.00	2,268.07	4,550.89
July	2,087.83	3,886.76	481.88	2,245.72	8,702.19
August	1,906.32	36.40	83.75	2,265.89	4,292.36
September	2,027.23		178.00	2,064.31	4,269.54
October	3,868.07	3,873.02		1,971.44	9,712.53
November	2,466.40	88.80	53.41	2,509.32	5,117.93
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$28,955.89	\$15,923.01	\$1,722.85	\$25,429.10	\$72,197.97

Balance to unappropriated funds, \$1,423.19.

EXPENDITURES IN DETAIL FOR OUTSIDE RELIEF, 1902.

MONTHLY AUDITS.	Groceries.	State Institutions and Lunatics.	Cities and Towns.	Cash Orders.	Salaries.	Physician and Medicine.	Burials.	Boots and Clothing.	Transportation.	Horse Hire.	Office Expenses.	Stationery and Printing.	Board Outside.	Wood and Coal Yards.	Totals.
1901, December	\$1,167.50		39.20	\$186.75	\$278.67	\$170.00	\$128.00	\$23.42		\$6.00	\$1.88	\$6.75	\$79.52	\$2,058.14	
1902, January	1,853.50	\$3,704.73	391.72	169.50	291.91	170.00	119.00	13.50	1.25	42.56	28.06	56.04	220.51	6,582.32	
February	1,338.08	338.94	358.41	208.90	289.64	170.00	85.00	16.50	34.80	22.63	23.61	68.00	137.61	3,086.99	
March	1,473.00		10.00	138.25	380.88	170.00	190.00	10.50	37.20	5.35	13.08	8.75	77.42	165.74	2,624.17
April	1,186.00	8,849.80	25.61	188.75	288.84	173.06	97.00	7.26	28.80	23.53	27.35	8.05	389.83	6,314.86	
May	1,124.00	311.68	116.87	175.50	345.00	175.20	149.00	15.94	34.08	12.00	164.51	89.97	22.00	111.12	2,796.77
June	1,186.50		19.00	182.25	296.49	170.00	179.00	10.28	4.74	2.20	26.87	14.75	68.57	124.67	2,987.89
July	1,000.00	8,886.76	481.88	215.00	387.26	170.00	188.00	13.10	33.50	36.79	53.30	77.15	55.70	6,456.47	
August	970.50	36.40	83.75	142.00	341.68	173.50	57.00			12.69	25.50	89.00	94.55	2,026.47	
September	1,045.50		178.00	159.75	296.96	170.00	85.00	12.50	56.00	8.50	38.57	3.20	72.00	79.92	2,905.23
October	1,128.50	3,873.02		174.00	288.64	170.00	264.00	6.26	85.18	7.75	23.71	8.50	175.85	1,526.69	7,741.09
November	848.00	88.80	58.41	178.00	348.08	172.85	100.00	10.00	68.28	17.60	42.14	42.16	628.79	2,608.61	
Total	\$13,839.08	\$16,080.18	\$1,722.85	\$2,122.65	\$3,698.06	\$2,083.10	\$1,588.00	\$139.24	\$377.38	\$43.05	\$426.32	\$280.87	764.74	\$3,622.45	\$46,768.87

DETAILED EXPENDITURE AT THE ALMSHOUSE, 1902.

MONTHS.	Flour and Grains.	Dry Goods and Clothing.	Groceries.	Shoes, Hats and Linen.	Furniture and Crockery.	Repairs on Premises.	Cartage and Hauling.	Supernumerary Labor and Nursing.	Medicine.	Liquor.	Miscellaneous.	Totals.				
1901, December	\$402.87	\$51.16	\$81.02	\$309.97	\$13.35	.75	\$33.11	\$172.20	\$12.35	\$27.15	\$817.04	\$69.47	\$77.63	\$50.10	\$2,178.21	
1902, January	136.24	82.96	97.78	335.04	31.92	1.88	17.31	238.70	N.44	807.83	52.85	83.75	4.12	1,985.92		
February	251.13	48.44	109.51	488.44	30.16	23.19	2.25	161.82	12.50	86.25	808.58	110.66	71.39	3.40	2,162.22	
March	155.38	83.98	108.41	245.91	17.60	17.77	5.25	79.98	724.58	73.88	62.56	1,686.30				
April	152.12	51.94	128.70	349.59	37.25	31.11	190.41	163.45	53.54	118.75	905.94	67.60	57.59	2,202.99		
May	138.37	19.64	109.36	326.95	6.54	17.29	140.36	89.93	11.47	116.45	804.73	59.78	89.10	14.75	1,884.71	
June	375.80	86.23	119.20	410.80	16.80	78.89	13.25	73.80	2.55	62.50	890.98	78.28	85.91	86.67	2,283.07	
July	146.44	53.05	136.12	364.74	35.96	35.08	39.92	73.80	7.50	31.30	845.34	80.08	32.42	368.98	2,245.72	
August	179.34	43.20	113.01	612.85	80.60	1.76	48.57			150.10	886.51	66.98	41.97	101.00	2,285.99	
September	158.62	7.11	169.08	402.13	25.44	25.44	79.98	87.55	30.50	147.34	806.50	87.10	44.91	19.10	2,084.81	
October	78.18	149.61	131.76	254.92	39.95	.15	24.58	163.40	86.99	4.35	818.61	170.66	59.88	89.01	1,971.44	
November	106.81	168.03	77.36	454.94	24.65	16.80	30.71	185.67	91.98	7.85	868.56	127.15	75.14	268.64	2,069.3	
Totals	\$2,361.30	\$555.38	\$1,876.25	\$4,091.28	\$817.17	\$949.48	\$388.16	\$1,414.83	\$345.07		\$869.28	\$1,044.60	\$681.70	\$982.67	\$25,429.10	

STATISTICS OF OUTSIDE RELIEF.

Gross cost of persons outside of almshouse	\$46,768.87
Receipts from various sources	9,621.16

	\$37,147.71
Amount paid for persons in State Hospitals and in other cities and towns chargeable to this city	\$17,812.98
Number of families aided in 1902	647
" " settlement here	388
" " " elsewhere	78
" " State paupers	181
Number of persons aided in 1902	1,839
" " settlement here	1,003
" " " elsewhere	312
" " State paupers	524
Average cost of aid to each family yearly	\$29.88
" " " person "	10.51

TRANSPORTATION.

Number of persons sent to their homes	59
" " " State Almshouse	53

BURIALS.

Males 89, females 72	161
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INSANE.

Number of insane at hospitals, during the year, males 50, females 60
 Remaining at city expense, Dec. 1, 1902:

At Taunton Insane Hospital	56
" Medfield " "	20
" Westborough " "	2
" Worcester " "	1
" Massachusetts School for Feeble-Minded	5
" " " Epileptics	5
" State Farm Insane Hospital	1

PAUPERS AIDED ELSEWHERE,

But having settlement here, (exclusive of the insane) families 28,
persons 55.

Amount paid for their support in 1902 \$1,722.85

ALMSHOUSE REGISTER.

Number remaining November 30, 1901 79

MONTHS.	ADMITTED.	DISCHARGED.	REMAINING.
1901, December	6	7	78
1902, January	9	7	80
February	17	8	89
March	11	19	81
April	3	13	71
May	5	7	69
June	8	4	73
July	7	3	77
August	10	6	81
September	9	13	77
October	10	9	78
November	8	5	81
Totals	103	101	935

Whole number during the year	182
Discharged during the year	101
Remaining November 30, 1902	81
Average number inmates, monthly	78

PRODUCE OF THE CITY FARM, 1902.

Potatoes	612 bushels
Onions	250 bushels
Squash	7,000 pounds
Turnips	500 bushels
Beets	30,000 pounds
Cabbage	12,000 heads
Sweet Corn	4 acres
Field Corn	364 bushels
Fodder Corn	10 tons
Hay	130 tons
Straw	14 tons
String Beans	40 bushels
Peas	20 bushels
Pork	4,212 pounds
Fowl	184 pounds
Tomatoes	160 bushels
Milk	4,384 quarts
Eggs	1,012 dozen
Celery	14,000 plants
Cucumbers	25 bushels
Melons	4 bushels
Lettuce	500 plants
Barley	72 bushels
Barley Fodder	3 tons
Rye Grain	142 bushels
Carrots	10 bushels
Parsnips	5 bushels

REPORT OF THE PHYSICIAN
OF THE
NORTH DISTRICT
TO THE
BOARD OF OVERSEERS OF THE POOR.

GENTLEMEN:— I have made during the year ending December 1, 1902, 713 house visits, received 609 office calls, and visited almshouse 35 times; births 12, deaths 18.

Respectfully submitted,

ALPHONSE NORMANDIN, M. D.

REPORT OF THE PHYSICIAN
OF THE
SOUTH DISTRICT
TO THE
BOARD OF OVERSEERS OF THE POOR.

GENTLEMEN:— I have made during the year ending December 1, 1902, 546 house visits, 227 office calls received, and visited almshouse 94 times; births 3, deaths 14.

Respectfully submitted,

JOSEPH A. FRASIER.

**CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
May 28, 1903.**

Received, ordered printed in the City Documents,
and sent down for concurrence.

D. B. LEONARD, City Clerk.

**IN COMMON COUNCIL,
May 28, 1903.**

Concurred.

W. H. B. REMINGTON, Clerk.

1903—CITY DOCUMENT No. 14.

Ninth Annual Report

OF THE

DEPARTMENT OF PARKS

OF THE

CITY OF NEW BEDFORD, MASS.

For the Year 1902.

NEW BEDFORD:
THE A. E. COFFIN PRESS, CITY PRINTERS,
1903.

BOARD OF PARK COMMISSIONERS.

1902-1903.

JAMES E. MOORE,

SAMUEL P. RICHMOND,

OBED C. NYE,

ERNEST A. WHEATON,

CHARLES T. SMITH.

OFFICERS.

CHAIRMAN,

JAMES E. MOORE.

SECRETARY,

ERNEST A. WHEATON.

GENERAL SUPERINTENDENT,

THOMAS W. COOK.

CONSULTING ENGINEER,

W. F. WILLIAMS, CITY ENGINEER.

PARK AREAS.

Brooklawn Park	91.91 acres
Buttonwood Park	62.36 acres
Hazlewood Park	28.00 acres
Bridge Park	1.17 acres
Grove Park	.93 acres
Common	7.43 acres
Triangle Park	.16 acres
<hr/> Total	<hr/> 191.96 acres

REPORT.

CITY OF NEW BEDFORD,
OFFICE OF PARK COMMISSIONERS,
MASONIC BUILDING.
December 31, 1902.

*To His Honor the Mayor and the City Council of
the City of New Bedford, Mass.*

GENTLEMEN:—As required by Chapter 154, Section 12, of the Acts of the Legislature of the Commonwealth of Massachusetts of the year 1882, entitled "An Act to Authorize Cities and Towns to lay out Public Parks within their limits," approved April 18, 1882, the Board of Park Commissioners of the City of New Bedford has the honor to submit herewith a report of its doings, including detailed statements of all receipts, expenditures and liabilities for the year ending Nov. 30, 1902.

Our last annual report contained so full a discussion of the subject of Public Parks that your Board considers it superfluous to attempt to justify the legislation by which the City was empowered to establish its system of parks, nor can it further elucidate the principles upon which the action of your Board has been founded from the time when it came into existence by popular vote and the action of the municipal authorities.

The experiences of another year but confirm your Board in the wisdom of such legislation and of the course heretofore pursued in the management of the parks entrusted to them. It is further confirmed by the general satisfaction which has been expressed by all classes of our community.

The fact that that report has been sought after by park experts, superintendents and others interested sociologically in public improvements indicates that the views expressed by us also commend themselves to the general public.

This year we have been forced to consider the application of those principles to the most recent purchase made by the City for park purposes. In fact, the intended improvements of the older parks have necessarily been deferred, because we have been limited by the appropriations, until the new park should be brought into such condition as to render it speedily available in some degree for public enjoyment. Very few private domains can be advantageously used as parks without material changes, for the reason that such domains are laid out and prepared rather with the purpose of the enjoyment of the proprietors than for public use.

The south part of the City is in itself an important manufacturing community, and this park is so readily accessible by French avenue and Brock avenue that the great operative population which lives in that section can readily find in this park those recuperative forces which come from outdoor recreation amid the beauties of nature, and from which they have been debarred in a considerable degree by the distance of the other parks from their places of residence.

The new park in the south part of the city, known as Hazlewood, needed very important alterations before it became, even in some measure, adapted for public enjoyment. Buildings upon the premises, which were

neither necessary nor capable of local use for park purposes, have been removed and utilized, as far as possible in our other parks. Stone walls, which interfered with the unobstructed movement of the people, have been removed; groves, copses and underbrush trimmed or removed, lawns constructed and vistas opened. The entire area now permits of a more free circulation of our people on foot or in carriage, and more nearly conforms to those principal features of a public park laid down by Frederick Law Olmstead: "By a large public park is not meant one covering more than a certain number of acres, but one large enough to contain a complete natural landscape, where the boundaries will not be obtrusive, where city conditions will not be unduly apparent, where thousands of visitors may enjoy the scenery at the same time without crowding each other, where those who especially seek seclusion may find parts so remote from the boundaries that city houses, if not completely hidden, may be reduced in distant perspective to inconspicuous proportions as compared with the foliage of the trees and other natural objects on the foreground; so remote from the roar of street traffic that it is less noticeable than the rustle of the foliage stirred by the breeze, of the song of birds, of the sounds of insects." No sooner was this park opened than it became a center of attraction to the people in the south end of the city. Though this park be rather limited in area, it possesses natural attractions in some degree superior to those of our other parks. It affords for our operative population the means of obtaining recreation amid marine views and in the bracing air of the sea, which they need after the day's toil. Few views possess more charm to the marine painter or to the artist than those to be obtained along the lower bay or by the shores of our cove, especially at early morn or evening twilight.

The improvements made this year in Hazlewood Park are, though permanent, simply initial, and, as has been already intimated, rather hurriedly made in order to enable the grounds to be thrown open for public enjoyment. Much more remains to be done before the grounds will compare favorably with some of the older parks in our city, or with similar small parks in other cities. The music stand now on the park was not erected by us, and is intended only for temporary use, and should be replaced by a more tasteful music pavilion as soon as the annual appropriation shall enable us to make the necessary expenditure. By reason of the natural features of Hazlewood Park it cannot at any time furnish open spaces for athletic games. Standing upon a declivity, its improvement requires a different treatment from that of the other parks. It lends itself more peculiarly to the quiet enjoyment of its secluded wood paths, the admiration of its glimpses of marine views, the charm of tinkling fountains, the songs of birds and the soothing strains of instrumental music. Children may fill its groves with laughter, but the rollicking exuberance of youth can find no suitable place within its borders for muscular development or boisterous sports. It should therefore as soon as possible be provided with its fountain, its music pavilion, and such other features as will prove attractive and restful, that the tired and worn operative's family may find it an ideal resort pictured by Longfellow:

"And the night shall be filled with music,
and the cares that infest the day
Shall fold their tents like the Arabs,
And as silently steal away."

It was suggested by the Superintendent in last year's report that Grove Park might be advantageously converted into a play-ground. This Board has endeavored to secure information upon this important subject, and to ascertain the results of providing small areas for the

purpose of outdoor exercises and sports of children. The ordinary schoolhouse lot is so limited that it is hardly sufficient for recreation during intermission. There should be public grounds wherever the population is at all dense, to which children can resort for play. Our larger parks are situated where the population is not dense, and are so distant from the most thickly settled portions of our city that they cannot be resorted to, excepting on holidays and Sundays, by the little ones. Boston, New York, St. Louis and other cities have established such grounds, where the youngsters can abandon themselves to their instinct for physical development and sociable intercourse to their hearts' content.

We present the following summary found in the St. Louis Park Report for 1900:

"It should be remembered that this system in no way conflicts with the larger park idea, as the purposes are altogether different. Several sections of the city are without these desirable breathing places. Children's playgrounds are a crying need in all sections of the city. The public streets afford the only playground the children of many of our citizens have at their command. The value of small parks and public playgrounds to inhabitants of the immediate community, who use them daily, has been the subject of much study. The matter was thoroughly investigated by a special committee in New York City, appointed under Mayor Strong, from whose report we quote: "With common accord the precinct captains attribute the existence of juvenile rowdyism and turbulence to the lack of better playgrounds than the street. The juvenile population, reports the captain of the Thirteenth Precinct, has of late been growing worse. The reason is plain — increasing population and want of proper playgrounds."

"Children play in the street amid their dangers, and break lamps and windows and commit numberless acts of mischief of greater or less degree, because no other provision is made for them. Thus they can play only in defiance of law, and later defy the laws of the country in worse ways. On the other hand, when small parks have been established the change in the character of the population is marked. The Captain of the Twelfth New York Precinct says: 'The Hook gang is gone. It has disappeared since the establishment of Corlears Park.' The Sixth Precinct (N. Y.) Police Captains report that since the establishment of the Mulberry Bend Park 'the whole neighborhood has changed.'"

We heartily concur in the opinion of our Superintendent that Grove Park be prepared for a playground for children, and request that our appropriations be made sufficient to enable us to carry out our plans in that regard.

Improvements made at Buttonwood Park consist mainly in the work necessary for the restoration of the pond and the widening and extending of the dam so as to furnish a suitable roadway upon it. It will be remembered that the former dam was washed away in 1901 by a sudden rise in the pond, and the narrow roadway rendered useless. Under the plans of our engineer consulted by us, we have been enabled to enlarge the area of the pond without increasing the height of the dam, so as to secure better accommodation for boating in summer and skating in winter. As improved, the roadway now furnishes a plaza for promenade by the side of the dam, and secures greater freedom for circulation for those in carriages. The work has been done in a thoroughly substantial manner, and we believe the improvement is beyond the possibility of a similar disaster to that which befell the old dam.

Both the Common and Brooklawn Park have been maintained as in former years, and but few permanent improvements have been attempted, as most of the annual appropriation was required for improvements upon Buttonwood and Hazlewood Parks. While improvements are susceptible of being postponed in consequence of limited appropriations, we cannot neglect the maintenance without injury to the parks and a resulting loss in time and labor. We are confident that the parks have never been in better condition than they have been during the past year. We have been gratified to note during the last year the growing interest in the maintenance of our parks felt by the teachers and pupils of our schools. Perhaps the use that your Board made of such plants and flowers as could be spared for the last graduating class of the High School has caused increased attention to be given by the public to other uses of our parks than that of being places for recreation only. Teachers have brought their scholars to some of our parks for instruction in natural history and botany. And it will be the purpose of your Board to further awaken this interest and promote the use of our parks to advance the education of all classes of our community, whether in art, or in arboriculture, botany, zoology or mineralogy. With our teachers enlisted as our aids, the coming generation will not only be able to take more thorough enjoyment in our parks, but will also feel a keener interest in seeing that provision is made for bringing them to the highest state of improvement and for maintaining them in their highest state of usefulness. There are two ways in which the lovers of the camera may aid us. One is by seeking out the most attractive features of our parks, and furnishing us collections, the choicest of which may embellish future reports; the other, by taking views of the unsightly objects found and bringing them to our notice, that they

may be removed, or, where that may not be practicable, at least concealed by vines or shrubbery. We desire the collaboration and co-operation of all our fellow citizens, as the parks are their parks, and when well maintained reflect credit upon our community, which would on the other hand bear the shame of their neglect.

We cannot close our report without bearing witness to the unfailing fidelity to duty of our most efficient and intelligent Superintendent, Thomas W. Cook. We forward herewith his annual report, together with a full account of our receipts and expenditures.

Respectfully submitted,

JAMES E. MOORE,
SAMUEL P. RICHMOND,
OBED C. NYE,
ERNEST A. WHEATON,
CHARLES T. SMITH,

Park Commissioners.

SUPERINTENDENT'S REPORT.

To the Honorable Board of Park Commissioners:

GENTLEMEN:—I have the honor to submit to you my third annual report, giving a summary of the work accomplished by your direction in the Department of Parks during the fiscal year ending November 30th, 1902, including such comments and suggestions as I deem profitable to insert in a report as a permanent public record, to which the City Council may at any time refer for their guidance in carrying out your plans by needful appropriations.

My second annual report gave such a full discussion of the subject of tree planting that I only refer to it for the purpose of confirming the views and suggestions there presented, and to state that so far as the appropriations have admitted, I have continued the planting of trees and shrubs according to the plans adopted in former years. In order to render this attraction to our parks not only instructive, but capable of awakening renewed interest, I would suggest that an effort be made to obtain trees fitted to grow in our climate, procured from historical localities, if possible, at no great expense, or of peculiar foliage, or possessing other natural characteristics, so that aside from their value as botanical specimens they may afford pleasure to all who resort to our parks. This last year three charter oaks, grown from the acorns of the historical charter oak of Connecticut, have been planted upon the Public Common, and are now in a thriving condition, so

that we may hope at no distant day to boast that we have not only the Liberty Tree which came from Washington's birthplace, but also grandchildren of that oak which was made the repository of the chartered liberties of our sister commonwealth.

Much sentiment has attached to trees in all lands and in all ages. Acorns from the oaks of Mt. Vernon were presented to the Tsar of Russia by a brother of the late Senator Sumner. They were planted, by order of the emperor, in the imperial preserves of St. Petersburg, and there grew into fine trees, the acorns from which were, in their turn, brought back to the United States by Mr. Hitchcock, then ambassador to Russia and now secretary of the interior. These acorns will be planted at Mt. Vernon, near their "grandparents."

After a recent visit to England, Senator Hoar of Massachusetts brought back young British oaks from the royal forest of Dean and chestnuts from the estates of the Earl of Ducie. These will be studied by our foresters as they grow in the mall at Washington. Within the enclosure of the Botanical Gardens at Washington many trees, planted by prominent American statesmen, have grown to be objects of great interest and beauty. Charles Sumner planted a European hornbeam; Thaddeus Stevens an Oriental plane-tree; Senator Beck an American elm; President Hayes a rare variety of oak; Senator Hoar a cedar of Lebanon. A Scotch plane-tree planted by Senator Frye is pointed out to all visitors. There are many others, but enough have been mentioned to show the interest that attaches to a tree carrying the name of the person by whom it was planted.

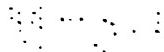
A condense summary of the total expenditures for park purposes from the time the Board of Park Commissioners were appointed by the City Council and assumed the control of the department up to the present

time shows for the purchase of land for improvements and maintenance of the same for eleven years a total of \$308,937.29, being an average cost of \$4.42 per capita of our population for all expenses incidental to acquiring, improving and maintaining our park system. The average annual appropriation for improvements and maintenance has been \$19,092, amounting to 22 cents per capita, and I feel confident in the assertion that no one of our population would consent to part with or willingly give up the privileges and opportunities our parks afford for the small sum which they are costing. The pleasure, contentment and well being of a people are greatly enhanced, and very much depends in a manufacturing city with a community composed of a population like New Bedford, and which is yearly increasing its inhabitants by the introducing of new manufacturing industries, by having proper places for them to congregate, individually and with their families, upon Sundays and holidays, or whenever absent from their work. We are very likely to judge of a city and its people by the looks of its streets, public buildings, parks and other city property. If they are neat, well kept and attractive, it is safe to say the city is thriving and its people thrifty and intelligent.

BROOKLAWN PARK.

No radical change has been effected in this park during the year. A building from Hazlewood Park was removed in sections and utilized in the erection of a building for sheltering such animals as we have at Brooklawn requiring protection from our winter weather. All the buildings have been re-painted in pleasing colors, and the entire park maintained in a highly attractive

condition. The attendance of the public has been greater than ever before. During the past year we have made considerable addition to the water fowl, which enliven the ponds, by the purchase of six mandarin, six wood and six spring drakes, two black ducks, four black-winged teal, four gray-winged teal, four Saganay and six cull ducks. We have also bought two cow elks, and one fawn has been born. So we now have upon that park five elk. Just before the Fourth of July we added, for the gratification of children, a new merry-go-round, capable of carrying forty to fifty children. We are indebted for this acquisition to the conception of Mr. Theodore Wirth, Superintendent of Parks at Hartford. It has never been patented by him. It is an automatic contrivance, consisting of a disc platform, some twelve feet in diameter, the outer edge being used as a seat and provided with a footboard, by means of which the children can get on and off at will. The whole construction rests upon ball bearings, so that the least effort puts it in motion and enables it to be run for a long time without any mechanism or other motive power than that imparted by the children at their own pleasure. From estimates made, I may say that during the summer vacation thirteen thousand Sunday School children resorted to the parks with their teachers for recreation, and that 87,700 persons visited the park and attended the band concerts. There were sixty-four games of baseball, fourteen games of cricket and twenty-five games of football, at one of which five thousand spectators were present. And yet, with all these varied uses of the park, I have not found a single act of vandalism, but good order and a proper regard for the enjoyment of others has uniformly prevailed. A cub bear, which was sent to Dr. John C. Shaw of this city from Lake River, Me., was presented by him, and has been provided a home at Brooklawn Park. During



February and March the greater portions of the grass plats were top dressed with manure from the city stables, and the improved appearance of the lawns and greenswards amply justified the expenditure. In this park, as well as the other parks of our city, there is great opportunity for improvements, as only about one-half of the park has ever received any consideration from the Board. The large piece of cleared land on the north side of the park is favorably adapted to be made into a playfield and pond for skating in winter and a thing of beauty in the summer. There is a great demand by the large population in that part of the city for a proper place for athletic sports, and while all the accommodation possible is afforded them and every effort made to meet their demands, yet the place is far from answering the requirements of such amusements. But it could be, with sufficient outlay, made into an ideal playfield, and fill a long-felt want of the large community in that part of our city who delight in outdoor sports. The extension of Bowditch street by the city through the west portion of the park, permission for such extension having been given by a former park board, has destroyed that portion of the forest drive which encircled the boundary of the park, leaving a strip of woodland about one hundred and fifty feet on the west of the new street, and rendered it useless for park purposes. With the completion of the street it will be a convenient way for heavy team travel from the north to make a short cut through the park to Acushnet avenue, and I would call the attention of the Board to the necessity of either building a fence on the line of the street and constructing anew that portion of the forest drive taken by the city, or adopting some stringent rules regulating the travel by heavy teams through the park. Every Sunday afternoon, from early in May until September, band concerts were given, and enjoyed and

appreciated by throngs of people. The park has been well kept and maintained, the grass, trees and flowers properly cultivated, and is in every way as good condition or better than ever before.

BUTTONWOOD PARK.

This park has claimed more attention the past year than was anticipated when the Board made its estimates for the year. Owing to an unforeseen accident early in the spring it was necessary to expend an amount not contemplated when the annual appropriation was made. The pond, which covered about eight acres, was formed by constructing a dam at its south end by means of a wall, which was laid dry and not pointed with cement. For some time previous to the accident it had been thrown out of line by frosts, and needed repairs, portions of it having fallen into the pond. The sluiceway forming the outlet of the pond was built of timber and had rotted away, so that when the heavy flood of water caused by the spring rains and the overflow from the ice ponds above destroyed the sluiceway the waters overflowed the roadway and rendered the bridge unsafe. It therefore became necessary immediately to make needed and extensive repairs, which, under your direction, was done by building an entirely new wall, laid in cement for a distance of 496 feet, and also constructing a spillway of stone, the whole surmounted by a handsome and substantial iron fence 4 feet high and 496 feet in length. The roadway to the south of the wall was widened to 67 feet, and a retaining wall 505 feet in length was built on the south line. Filling of the roadway and leveling it up to grade was not quite completed when work was stopped

for the season. It will require more filling to complete it, which should be done as soon as the weather will permit. Beginning at the line of Rockdale avenue, we built a walk 12 feet wide of cinders and screenings from the crusher, and made a lawn 10 feet wide between the roadway and the sidewalk for the distance of 1,232 feet westerly to the east line of the pond, and across the pond to the skating house, connecting with the Forest road.

It was originally contemplated in laying out Buttonwood Park that the City would obtain access to it by obtaining a right of way from Kempton street through Brownell avenue, which was accepted and laid out by the City, but never improved, thus causing those owning wood lots in that locality to use the driveways in the park for heavy teaming, for an outlet to their property, so that carriage driveways have been badly damaged, as they were not constructed for such rough treatment. It is respectfully suggested that the City should either pay for the improvement by a through to Kempton street by way of Brownell avenue, or for the macadamizing of the driveways of the park, as well as of the roads giving access to the parks. There has been a greater interest shown in the winter amusements during this last year than at any previous time since the opening of the park. No less than 29,000 skaters availed themselves of the exercise of this sport up to the first day of December, 1902. The total number of visitors at this park is estimated at 116,000. One Jenke's drinking fountain, with eight cups, has been put up opposite the pavilion for the supply of good drinking water. The following list will show the number and kinds of trees and shrubs planted in this park during the year:

TREES.

- 20 Sugar Maple
- 10 Beech, Purple
- 5 Horse Chestnut
- 5 Horse Chestnut, Red Flowering
- 20 Catalpa Bungei
- 10 Laburnum
- 5 Maple, Japan, Atropurpureum
- 5 Colorado Blue Spruce
- 246 Norway Spruce

SHRUBS.

- 100 Berberis-Purpurea
- 100 Berberis Thunbergi
- 10 Prunus Pissardi
- 100 Sambucus Aurea
- 50 Spiraea Thunbergi
- 100 Spiraea Houttei, Van
- 100 Syringa, Golden Leaf
- 100 Syringa Grandiflora
- 100 Weigela, Variegata
- 100 Weigela, Eva Rathke
- 200 Hydrangea, P. G.

I am gratified to announce the receipt of the following donations during the year:

- 2 guinea pigs, from Mr. Mark Bonney
- 2 Hawks, from Dr. Lewis
- 1 Goat, from Captain Manley
- 3 guinea pigs, from Master Allen Gardner

COMMON.

This ornament to our city cannot be treated in the same manner as an ordinary park. It is unique in its character, as it affords a sylvan retreat in its densely wooded eastern portion, where flowers will not grow, and

a public garden, which heretofore has been devoted to lawns, flower-beds and shrubbery. During the past year new beds and flowers and shrubs have been added, with a view of making it more attractive than ever. And here may be found in the month of roses several hundred variety of that flower, in addition to other floral attractions. The beauty of the Common may be enhanced by the addition of a pond for aquatic plants, situated at the foot of the slope up which stands the flagstaff, intermediate between that slope and the soldiers' monument; and I would recommend such an improvement and an early construction of the same, and at some subsequent time a fountain might be added, which would render that vicinity not only beautiful, but restful and attractive to a large population living in its vicinity.

It may be well here to place on record for future reference some data obtained from the records of the City Engineer, which show that two of the seven acres now included in the Common were obtained in small lots, and that all, except two deeds have been made since New Bedford became a city.

The present area of the Common, including the land between Pearl and Pope streets, which forms the double Pleasant street, is 7 acres 69 $\frac{1}{2}$ square rods.

The town of New Bedford acquired the "town lot" of 5 acres and 3 rods from Alexander and Sarah W. Read, May 20, 1822, and the deed is recorded in book 1, page 389, at the Registry of Deeds.

The town of New Bedford acquired from William G. E. Pope and Bethuel Penniman on Dec. 26, 1846, a small triangle adjoining the town lot, area not given. It is bounded by Pearl and State streets and by the town lot in the description. Perhaps this was a Christmas present, for the deed went on record the day after Christmas. The deed is in book 14, page 44.

In the year 1853 there were eight transfers of land to the City of New Bedford, as follows:

James Beetle to the City, June 11, 30 rods. Book 25, page 60.

Bethuel Penniman and William G. E. Pope, June 13, 25.98 rods. Book 25, page 61.

William G. E. Pope, June 9, three lots, 50.34, 14.98 and 29.03 rods. Book 25, page 62.

Horatio Smith, June 13, 45 rods. Book 25, page 23.

Jonathan R. Ward, June 13, 50.37 rods. Book 25, page 64.

Bethuel Penniman, Jr., June 9, 28.37 rods. Book 25, page 64.

John Coggeshall, June 9, 92.55 rods. Book 25, page 65.

Edward S. Ritchie, June 13, 16 rods. Book 25, page 66.

The elm leaf beetle and other insect pests which have made their unwelcome appearance, and which have been somewhat destructive throughout the city during the last year or two, made their onslaught upon the trees of the Common; but they were met with strenuous treatment, and the endeavors to keep them in check and destroy them were very successful, and by spraying, using a Ware spraying machine, with Bowker's Disparene for the insecticide, they were controlled, and I expect that by prompt and careful attention and thorough and assiduous care, the trees will continue to maintain their foliage and the pests prevented from doing their work.

HAZLEWOOD PARK.

This park comprises twenty-eight acres, and was purchased by the City and turned over to the Park Board, November 19, 1901. Nothing was done by the Board

towards the improvement of the park until the following spring, when work was commenced and continued through the season. The many and unsightly stone walls, being the dividing lines between the three estates formerly comprising the twenty-eight acres, were removed, opening up into one large tract the entire area, and thus exposing to view the beauties of the place. Several buildings, including the greenhouses, were sold at auction and removed, and the ground ploughed and seeded. The roads leading into and through the park were widened and covered with crusher screenings. The old henhouse was removed in sections to Brooklawn Park and fitted for the winter home of the monkeys, pea fowls, ducks and pheasants, and has answered the purpose admirably. The old carriage house was made into a workshop and toolhouse. The Rachael Howland cottage was repaired and fitted for the assistant superintendent. The Lucus house has had some repairs to the roof to keep the weather out, and the doors and windows boarded up and the building left until the Board could determine what use it could advantageously be put to in the future. The W. D. Howland house remains as it was when purchased, having been closed to the public. The interior of the great barn connected with the house has been changed by removing the stalls, partitions and closets, making it into one large and commodious room for the use of the public for shelter in stormy weather. The groves have been cleared of brush and the accumulation of leaves, old dead trees removed, and others thinned out where they were too dense for their healthy growth. The city water was carried into the park from Brock avenue through a three-inch main a distance of seven hundred feet, and connected with two Jencke's fountains, having eight drinking cups to each fountain. One hundred settees from the Belmont Iron Works were purchased and

distributed throughout the park in suitable localities; also twenty Fairfield swings purchased and set up, together with twelve bicycle racks, having a capacity of twenty-four each. During the summer band concerts were given Sunday afternoons, and attracted large numbers of people. The amount of work done, the results accomplished and the welcome reception by the public are gratifying for the first season. A new band stand should be built at once, if it is, as I suppose, the intention of the Board to have Sunday afternoon concerts, as the one now in use is old, delapidated and unsightly, as well as unsafe. The two pieces of land in the centre of the park, composed of about $5\frac{1}{2}$ acres, have been ploughed and made ready for seeding in the spring, and will make a magnificent lawn effect, being surrounded by the groves and many rare and beautiful trees. The possibilities of this park are great, and with sufficient outlay, which need not be large in comparison with our other parks, can be made, with its groves, lawns and beautiful shore, an ideal summer recreation ground and resting place from the heat and turmoil of the city. No other park in the city has so extensive and diversity of views, both marine and landscape, and with the opportunities afforded by its location and surroundings should be as speedily as possible developed in its entirety and made the one completed park in our system. The Howland house, so called, should be converted into a shelter house, a museum and a branch of the city library for the use of the citizens in that vicinity as well as the patrons of the park should be established therein, and a large and wide piazza surround the building. It would be an outlay justified completely by the great advantages, convenience and absolute profit to both mind and body of a large population. I do not hesitate to strongly recommend such an improvement.

GROVE PARK.

This park is one of the most frequented localities in the hot months of summer, and throughout the year at certain hours of the day multitudes of people pass and repass it on their way to neighboring mills, and it has been a thoughtful subject by the Park Board how best they could render it not only available as an attractive resting place on summer evenings and in the intervals between work for the large mill population in that vicinity, but as a welcome playground for the children.

It is bounded by Water, Front, Blackmer and Rivet streets, and contains 149.32 rods, the northern part being composed of a ledge of rock rising some five feet above the ground, being about one-fifth of the whole area. It seemed apparent to the Park Board that it would be useless to attempt to beautify it with grass, shrubbery or flowers, as the area is so small and the demands of the people of the neighborhood for its use so great that it would be impossible to keep it in order under those conditions. So the Board decided to make it into a playfield for both young and old, and contracted with the Narragansett Machine Co. of Providence, R. I., for a complete out-door athletic apparatus, which contract was fulfilled to the satisfaction of the Park Commission, and the problem of what to do with Grove Park was solved. All day long the little park is crowded with hundreds of happy and contented children, safe from the dangers of playing in the street and engaged in innocent and healthful recreation; and after working hours the larger ones take the place of the children, and until darkness appears Grove Park is furnishing pleasure and enjoyment to a large part of our community who above all others should be favorably considered by our City. That it was a wise and judicious expenditure of park funds there can be no doubt, and the Park Commission are to be

commended for the thoughtful consideration of those of our population who live in such a congested location, and who have heretofore been deprived of the pleasures of the park system enjoyed by others.

I would recommend that other small areas throughout the city be acquired by purchase or lease for the same purpose, notably in the vicinity of Wamsutta Mills and near Bolton road and Rivet street.

TRIANGLE PARK.

The expenditures on this piece of land have consisted of keeping the grass cut and the few flower-beds kept supplied with seasonable flowers. The residents in the neighborhood of this "Triangle" are satisfied to have it kept in its present shape, and enjoy the sight of its tidy and well kept condition, rather than making it a playground for the children. The addition of more such places throughout the city would add to the beauty and attractiveness, and would be a constant object lesson to our children as well as the older ones in civic picturesqueness.

Respectfully submitted,

THOMAS W. COOK,

General Superintendent.

Financial Report.

NEW BEDFORD, December 31, 1902.

To the Board of Park Commissioners:

GENTLEMEN: — I have the honor to submit the ninth annual report of the receipts and expenditures of the Department of Parks for the year ending December.

STATEMENT OF PARK EXPENDITURES.

COMPARATIVE STATEMENT.		ITEMIZED STATEMENT. 1892-1902.	
1892,	\$77,936.87	Buttonwood,	\$100,267.27
1893,	5,734.79	Brooklawn,	96,290.96
1894,	24,458.95	Common,	42,702.14
1895,	21,321.17	Marine,	8,546.16
1896,	10,054.26	City Hall,	615.25
1897,	14,834.89	Triangle,	910.87
1898,	20,620.70	Grove,	9,458.28
1899,	18,879.33	Pine,	632.58
1900,	20,581.53	Hazlewood,	38,470.79
1901,	51,011.63	Office,	11,042.99
1902,	43,503.17		
	<hr/> \$308,937.29		<hr/> \$308,937.29

PARK REPORT.**FINANCIAL STATEMENT FOR THE YEAR 1902.**

DR.	CR.
Buttonwood Park, \$15,235.01	Appropriations, \$43,000.00
Brooklawn Park, 9,518.76	Credits, 29.76
Common, 5,612.61	
Triangle Park, 50.00	
Hazlewood Park, 10,470.79	
Office, 2,616.00	
Unexpended, 26.59	
\$43,529.76	\$43,529.76

MAINTENANCE OF BUTTONWOOD PARK.

DR.	CR.
Asst. Superintendent, \$728.00	Net expenditures, \$15,215.01
Police, 947.65	Credits, 20.00
Labor, 2,301.08	
Ex. and supplies, 277.90	
Lighting, 217.23	
Skating, labor, 334.99	
Labor, dam and road, 8,370.33	
Labor, trees and shrubs, 301.25	
Animal supplies, 932.44	
Improvement, 528.11	
Repairs, 230.08	
Drinking fountain, 66.00	
\$15,235.01	\$15,235.01

PARK REPORT.

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MAINTENANCE OF BROOKLAWN PARK.

DR.	CR.
Asst. Superintendent, \$887.28	Net expenditures, \$9,501.76
Police, 1,215.00	Credits, 17.00
Labor, 8,873.98	
General supply, 135.79	
New animals, 361.45	
Dressing, 97.79	
Improvement, 954.57	
Animal supply, 403.48	
Maintenance, 155.52	
Repairs 1,325.94	
Plants, 107.66	
\$9,518.76	\$9,518.76

MAINTENANCE OF COMMON.

DR.	CR.
Asst. Superintendent, \$910.00	Net expenditures, \$5,612.61
Police, 803.55	
Labor, 2,500.83	
Lighting, 201.46	
Plants, trees, flowers, 251.96	
Rent, 240.00	
Supplies, 343.98	
Dressing, 212.90	
Repairs, 24.64	
Elm leaf beetle machine 123.29	
\$5,612.61	\$5,612.61

MAINTENANCE OF TRIANGLE PARK.

DR.		CR.	
Care of flower-beds,	\$50.00	Net expenditure,	\$50.00

MAINTENANCE OF HAZLEWOOD PARK.

DR.		CR.	
Asst. Superintendent,	\$468.00	Net expenditures,	\$9,978.03
Labor,	3,550.76	Sale of buildings,	492.76
Police,	392.00		
Supplies and expense,	243.74		
Repairs,	76.58		
Improvements,	4,460.44		
Seats and Swings	489.56		
Dressing,	170.06		
Plants,	519.65		
Drinking fountains,	120.00		
	\$10,470.79	\$10,470.79	

OFFICE EXPENSES AND MISCELLANEOUS.

DR.	CR.
Superintendent and	
Clerk,	\$1,534.13
Miscellaneous labor	5.00
Rent,	250.00
Supplies and expenses,	177.40
Stationery, printing, reports, etc.,	530.07
Traveling expenses,	119.40
	<hr/>
	\$2,616.00
	<hr/>
	\$2,616.00

MONTHLY EXPENDITURES.

1901			
December,	Labor and Supplies,		\$1,273.85
1902			
January,	"	"	1,786.03
February,	"	"	1,305.88
March,	"	"	1,634.36
April,	"	"	2,995.72
May,	"	"	4,898.80
June,	"	"	5,399.45
July,	"	"	2,851.19
August,	"	"	3,452.80
September,	"	"	8,905.97
October,	"	"	4,836.12
November,	"	"	3,664.88
December,	"	"	498.12
		-----	\$43,503.17

LABOR AND SALARY PAY ROLL FOR THE YEAR.

1901

December,	Pay roll No. 1, 2, 3,	\$738.10
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1902

January,	" No. 4, 5, 6, 7, 8,	1,003.55
February,	" No. 9, 10, 11, 12,	816.42
March,	" No. 13, 14, 15, 16,	769.90
April,	" No. 17, 18, 19, 20,	1,206.08
May,	" No. 21, 22, 23, 24, 25,	2,307.39
June,	" No. 26, 27, 28, 29,	2,076.60
July,	" No. 30, 31, 32, 33,	2,168.54
August,	" No. 34, 35, 36, 37, 38,	2,851.09
September,	" No. 39, 40, 41, 42,	1,216.34
October,	" No. 43, 44, 45, 46, 47,	3,706.83
November,	" No. 48, 49, 50, 51,	3,054.12
December,	" No. 52,	498.12
		———— \$22,408.08

Respectfully submitted,

THOMAS W. COOK,

Clerk.

**IN BOARD OF ALDERMEN,
New Bedford, Mass.**

Received, ordered printed in the City Documents and
sent down for concurrence.

• **D. B. LEONARD, City Clerk.**

**IN COMMON COUNCIL,
New Bedford, Mass.**

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 15.

Eighth Annual Report

OF THE

BOARD OF CEMETERY COMMISSIONERS

NEW BEDFORD, MASS.

For the Year Ending December 3, 1902.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

THE NEW BEDFORD CEMETERIES.

OAK GROVE.

RURAL.

PINE GROVE.

GRiffin STREET.

BOARD OF CEMETERY COMMISSIONERS.

JOHN G. NICHOLSON, CHAIRMAN.

WILLIAM M. HIGHAM.

CHARLES H. VINAL, SECRETARY.

LOCATION OF CEMETERIES.

RURAL — Dartmouth Street.

OAK GROVE — Parker Street.

PINE GROVE — Tarkiln Hill Road.

GRiffin STREET — Cor. Second Street and
Morgan's Lane.

CITY OFFICE
MERCHANTS BANK BUILDING, ROOM No. 304.

CLERK OF BOARD
PARDON A. MACOMBER.

ASSISTANT
MISS IVAH M. HUNT.

SUPERINTENDENT
CHARLES F. CORNELL.

SEXTONS
Oak Grove — Hurlbert E. Thomas.
Rural — Nelson L. Pike. Pine Grove — John F. Gifford.
Griffin Street — Closed.

The cemeteries are opened daily from March 31st to October 1st until 7.30 p. m., and during the remaining months until sunset.

Maps and plans of lots can be seen and all information can be obtained at the city office or at the cemeteries.

CEMETERY BOARD.**CITY OF NEW BEDFORD.****OFFICE OF THE CEMETERY BOARD.****NEW BEDFORD, MASS.,****December 4, 1902.**

To the City Council,
City of New Bedford.

Gentlemen: — The Cemetery Department of the City of New Bedford respectfully submit the affairs of this department for the fiscal year, ending December 1, 1902.

THE CITY'S CEMETERIES.

All burial grounds, owned by and in charge of the City of New Bedford, passed into the control of the Cemetery Department, by an Act of the Legislature, passed November 3, 1893.

The burial grounds and cemeteries, which are either owned by or in charge of the city, are as follows:

OAK GROVE CEMETERY.

Located in the northwest section of the city about two miles from City Hall, the old portion being situated on the south, while the newer sections are on the north of Parker street, which intersects it. Additional land, containing thirteen acres, was purchased June 1, 1896, for \$13,212.00, making the total area of this cemetery 37 acres and 141.87 sq. rods, of which but 7 acres and 98.11 sq. rods remain unimproved.

The house occupied by the sexton is owned by the city, together with barn, tool-house, green-houses and cold frames.

In connection with these grounds, and outside of the cemetery proper, is a piece of land containing about 3,000 square feet, which has been properly fenced, prepared for, and utilized by this department as a nursery, for growing shrubs and trees for future decorations of the cemetery.

RURAL CEMETERY.

Located in the southwest district of the city, about one and one-half miles from City Hall. This cemetery, originally a private enterprise, was subsequently conveyed to the city by quit-claim deeds, from Henry H. Crapo and 223 others, January 20, 1848. Additional land, containing 70.66 sq. rods, was purchased July 8, 1895, for \$3,175.00, to straighten the north line of the

CEMETERY BOARD.

grounds, and 224.55 sq. rods were purchased June 11, 1898, for \$2,250.00, to straighten the south line, and 20.86 sq. rods of land were also purchased for \$341.34, June 5, 1890, outside the cemetery proper, upon which was erected a tool-house and building for storage purposes. The total area of this cemetery is now 85 acres and 105.27 sq. rods, of which 37 acres and 105 sq. rods still remain unimproved.

The house, situated in this cemetery, is owned by the city, the free occupancy of which is a consideration in affixing the sexton's salary.

Rural Cemetery has two main entrances, one from Dartmouth street and one from Rural street.

A large portion of Rural Cemetery is low land, but being well drained, the ground is in suitable condition for burial in nearly all seasons of the year.

PINE GROVE CEMETERY.

Located in the north section of the city, and about four miles from City Hall, was purchased in 1853 for \$512.50, and contains 10 acres and 89.60 sq. rods. Seven acres 39.15 sq. rods are yet unimproved.

GRIFFIN STREET CEMETERY.

Located in southeast section of the city, was purchased in 1802 for the sum of \$500.00 raised by voluntary subscription, and is now a closed cemetery.

MANAGEMENT.

The management of this department is vested in the members of this commission, who are represented by a general superintendent, having control over the employees and property of the department. The general superin-

tendent directs the general work carried on in the cemeteries and burying grounds, directs funerals therein, and keeps records of all interments, pertaining to the several cemeteries, together with the location and transfers of bodies.

The general superintendent acts under the direction of the commission, and is responsible to it. The duties of this position are manifold, requiring a knowledge of the needs of all the burial grounds and cemeteries, and personal attention to the varied and different kinds of work carried on in this department.

Since the appointment of a Board of Cemetery Commissioners Mr. Charles F. Cornell has acted as general superintendent, and for 27 years, previous to the appointment of this board, Mr. Cornell has acted in the capacity of custodian and superintendent of cemeteries. Mr. Cornell has performed the various and arduous duties of his position in an efficient manner. The work of the department under his superintendency has gone forward in a way most satisfactory to the Cemetery Board.

The office of the Cemetery Board is at 97 William street, in the Merchants Bank building, Room 304, and is open daily for the convenience of the public.

The board employs a clerk, who is the executive officer of the board, and in accordance with the requirements of the City Ordinances, keeps the records of the board, and has control of all documents, maps, papers and general information pertaining to this department.

The clerk is Mr. Pardon A. Macomber.

While the superintendent has complete charge over all the burial grounds, the department is represented by sextons in the cemeteries, which are open to the public.

GENERAL WORK OF THE DEPARTMENT.

Marked improvement has been shown the past year in the cemeteries. Special attention has been given to the proper construction of new avenues, and the rebuilding and repairs of many of the old ones.

In Rural Cemetery, the main avenue, from the Dartmouth street entrance to the pond, has been rebuilt, and laid with a surface of asphalt, a distance of 1,500 feet. This improvement has long been contemplated by the board, but the funds at its disposal would not admit of the expenditure until this year. Several new avenues have also been constructed, giving access to the new sections prepared this year. All avenues are now being built by improved methods, first being excavated to a required depth, a stone bedding is then laid, which serves as a blind drain for surface water from the adjoining sections, a filling of small or crushed stone is then laid, followed by a heavy coating of gravel, and finally topped with a cinder covering, all of which is properly graded and rolled. New avenues are all of special increased width, and while the expense of constructing avenues after the above method is materially increased, the results are gratifying in the reduced outlay for repairs.

The increased demand for lots in the cemeteries has warranted the improvement of a large area of the undeveloped portions. In Rural Cemetery, three large sections have been constructed and fitted for burial purposes. Section H, Plot 2, contains 44 lots, at a cost of \$1,572.54, Section A3, Plot 7, contains 378 single graves and 51 lots, at a cost of \$1,292.88.

The lawn plan system has been closely followed in developing this new land; the sections graded, a three ft. border of green sod surrounding them, and the whole

seeded. Trees and shrubs will be planted along the borders when the season will admit, and flower beds are being designed by the gardener for the new sections; this work, added to the results of previous years, contributes to the general good appearance of the grounds, and is fully in keeping with the modern methods of cemetery improvement.

OAK GROVE CEMETERY.

Within the last few years, many important changes have taken place in the method of improving this cemetery. The park or lawn plan system was immediately applied to the Caswell farm, a new acquisition to the north of these grounds. An effort has been made to apply its main features to the older portions of the cemetery, while all the new sections have been improved under this system. Section 3 contains 257 lots, and an unfinished portion of Section 5, containing 211 single graves, have been completed, while Section 6 is in process of construction, and nearly finished. Several new flower beds have been added during the year.

Near the Parker street entrance, and in the park portion of the cemetery, a pond has been constructed, supplied from the overflow of the fountain, and around which was arrayed a striking display of shrubs and plants. These, with the aquatic growth, the gold fish, and the centre water spray, combined to make one of the most attractive features in the cemetery. Much credit is due the sexton, Mr. H. E. Thomas, for its construction.

The general appearance and condition of this cemetery has been constantly improved. All corners and unsightly spots have been cleaned up and planted with shrubs and flowers, giving the whole cemetery a pleasant and beautiful appearance.

In connection with these grounds are the green-houses, which supply the different cemeteries with bedding plants, during the season of flowers, and are interesting and attractive to visit in the winter and watch the preparation of plants for decorating the cemeteries the coming season. The product of these houses consisted of 25,905 plants for beds and borders of many beautiful varieties. We have also many varieties of standards for lawn decorations, such as the palm, ferns, dracænas, pivot, bananas, hydrangeas, and others,—these are protected in the winter by being housed, where they take upon themselves new growth.

A substantial pit has been built adjacent to the green-house. This is used for the storage of bulbs and such plants as do not require the warmth of the green-house.

We have also constructed a large number of cold frames which are necessary auxiliaries in preparing the products of the green-houses for the flower beds.

PINE GROVE CEMETERY.

Reference has been made in all our previous reports as to the possible future of this cemetery. Located outside of the thickly populated portion of the city, it presents a nucleus for one of the finest cemeteries in this part of the state. Because of the extension of the electric railway, these grounds are now accessible by the residents of the city. A large area of cleared land, adjacent to these grounds, and now available at a moderate price, should be purchased and annexed to these grounds.

Renewed efforts, from time to time, have been made by the board to the Street Department that Pine Grove street, the only approach to the cemetery, be kept in proper repair, but have failed to accomplish the results desired. In consequence of which, the board is desirous

of building an approach to this cemetery, which will be under the control of this department. Land can be obtained for this purpose through the farm to the east, which will open up an approach, a little to the north of Lunds corner, and directly on the car line from the city. The cost of the land and the construction of the approach would probably not exceed the expense of repairing Pine Grove street, and would be more desirable, as the distance is shortened by one half, and its direct access to the electric cars. We desire that the City Council will be favorably disposed in granting a special appropriation for this purpose.

GRIFFIN STREET CEMETERY.

A special effort has been made this year to obtain all the records available from the inscriptions on the tablets in these grounds, and from this and other sources, a substantial record has been compiled, which will be properly arranged in the office of the board for the use of the public at all times.

The grass in these grounds has been regularly cut during the season, and the beds of flowers and shrubs have all contributed to the good appearance of these grounds.

PERPETUAL CARE.

To this important subject the board once more calls the attention of those who own lots and monuments in the cemeteries. We can hardly imagine that the feeling which has prompted a costly purchase and erection should be unaccompanied with a desire that a spot on which so much has been spent, should always be kept in neatness and good repair. In most cases, a very moderate investment will insure the perfect preservation of a plot and of its structures for years to come. Money deposited in "Perpetual Care" constitutes a separate and sacred fund, and its income is expressly devoted to the special object designated by the proprietor. An account is opened with each particular trust, the interest due is credited and the actual expenditures for keeping the lots and improvements in order are carefully noted and charged. If a surplus remains, it is reserved and suffered to accumulate, year by year, to meet the disbursements necessary in the future for extraordinary repairs and other improvements.

Lots and their improvements will be examined and an estimate of the sum required to provide for special perpetual care will be furnished upon request.

Amount of Perpetual Care Fund, 1901,	\$66,731.15
Amount deposited for Perpetual Care, 1902,	7,680.14
	<hr/>
Total amount deposited in Perpetual Care,	\$74,411.29
Number of lots placed in Perpetual Care in 1902,	60
Total number of lots in Perpetual Care :	
Rural Cemetery,	401
Oak Grove Cemetery,	320
Pine Grove Cemetery,	16
Friends Cemetery,	10
Peckham West Cemetery,	5
St. Mary's Cemetery,	2
St. John's Cemetery,	1 — 755

DONATION.

A triangular piece of ground, located in the old portion of Rural Cemetery, adjoining the Anthony lot, has been donated to the department from the estate of the late Edmund Anthony, with the understanding that the sole use shall be for the purpose of embellishing that section of the grounds by planting the same with shrubs and flowers.

RECEIPTS AND EXPENDITURES.

DR.

Balance old account, 1901,	\$166.81
Annual appropriation, Jan. 28, 1901,	12,000.00
Special appropriation, July 3, 1901,	8,000.00
Receipts, labor on perpetual care lots, 1901,	2,507.77
Receipts, labor on lots to Dec. 1, 1902,	8,427.24
	<hr/>
	\$31,101.82

CR.

By transfer to unappropriated funds, (see auditor's balance)	166.81
Expenditures, general,	30,755.51
Balance to new account,	179.50
	<hr/>
	\$31,101.82

RECEIPTS AND EXPENDITURES.

SALES OF LOTS.

DR.

Balance old account,	\$239.80
Receipts to December 4, 1902, (lots sold)	3,956.00
	<hr/>
	\$4,195.80

CR.

Expenditures, embellishment and improvement,	\$3,331.60
Balance to new account,	864.20
	<hr/>
	\$4,195.80

Total amount of outstanding accounts, December 1, 1902,	\$3,059.68
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CLASSIFIED STATEMENT OF EXPENDITURES.

RURAL CEMETERY.

General labor account,	\$5,584.69
Extensions, new sections and avenues,	2,077.67
Distribution,	4,846.78
Dressing,	592.87
Supplies, (general)	1,018.48
Tools,	167.20
Concreting Central avenue,	1,146.82 \$15,434.46

OAK GROVE CEMETERY.

General labor account,	\$3,578.91
Green-house, labor and maintenance,	1,436.38
Green-house No. 2, construction,	880.80
Distribution,	2,855.64
Extensions, new sections and avenues,	2,420.26
Supplies, (general)	1,143.71
Dressing,	245.97
Tools,	145.64
Telephone,	15.25
Cold-pit construction,	448.84 \$12,666.35

PINE GROVE CEMETERY.

General labor account,	668.59
Distribution,	56.17
Dressing,	17.14
Supplies (general)	38.62 780.52

GRIFFIN STREET CEMETERY.

General labor account,	62.33	62.33
Office supplies,	444.34	
Telephone,	54.03	
Rent,	300.00	
Report,	275.08	1,073.45

SALARIES.

Superintendent,	1,200 00
Clerk,	936.00
Assistant clerk,	476.00
Sexton's salary, Rural cemetery	720.00
" " Oak Grove cemetery,	720.00
Telephone, superintendent's residence,	18.00
Balance, 1901, unappropriated funds,	166.81
Unexpended, sales of lots,	864.20
" " cemetery funds,	179.50
	<hr/>
	\$35,297.62

SUPERINTENDENT'S REPORT.

To the Cemetery Board, City of New Bedford:

GENTLEMEN:— I herewith submit a summary of the work performed in the Department of Cemeteries, during the season of 1902, together with a schedule of property of this department:

No. sq. ft. land prepared for burial purposes,	
Rural,	53,409
Oak Grove,	40,460
No. sq. ft. land graded and sodded,	
Rural,	53,409
Oak Grove,	40,460
No. sq. ft. land seeded,	
Rural,	53,409
Oak Grove,	40,460
No. lineal ft. of avenues and walks built,	
Rural,	1,034
Oak Grove,	1,050
No. tons broken stone used in repairing avenues and walks,	
Rural,	128
Oak Grove,	15
Foundations built for tablets,	
Rural,	137
Oak Grove	72
Foundations built for monuments,	
Rural,	12
Oak Grove,	8
Drains laid,	
Rural,	56 ft.
Oak Grove,	62 ft.
No. of neglected lots refitted,	
Rural,	7
Oak Grove,	10
Pine Grove,	3

No. of neglected headstones refitted,	
Rural,	15
Oak Grove,	7
Pine Grove,	4
No. hedges and fences condemned and removed,	
Rural,	11
Oak Grove,	10
Pine Grove,	1
Trees removed,	
Rural,	7
Oak Grove,	4
Pine Grove,	1
Foundations rebuilt,	
Rural,	42
Oak Grove,	19
Pine Grove,	5
Interments made in lots,	
Rural,	184
Oak Grove,	168
Pine Grove,	16
Interments made in single graves,	
Rural,	35
Oak Grove,	32
Interments made in Public Ground,	
Rural,	87
Oak Grove,	28
Interments made in Soldiers and Sailors Lot,	8
Total interments in 1902,	
Rural Cemetery,	328
Oak Grove Cemetery,	228
Pine Grove Cemetery,	16
Friends Cemetery,	8
No. of brick graves built,	
Rural,	24
Oak Grove,	19
Pine Grove,	1
No. of lots in annual care,	
Rural,	822
Oak Grove,	648
Pine Grove,	47
No. of bodies disinterred this year,	
Rural,	33
Oak Grove,	17
Pine Grove,	7

CEMETERY BOARD.

No. of prepared lots unsold,	Rural,	740
	Oak Grove,	333
	Pine Grove,	13
Actual value of lots unsold,	Rural,	\$26,000.00
	Oak Grove,	37,462.00
	Pine Grove,	455.00
No. of lots sold,	Rural,	35
	Oak Grove,	31
	Pine Grove,	5
No. of single graves sold,	Rural,	37
	Oak Grove,	35
No. of plants raised in green-houses and frames,	Rural,	10,010
	Oak Grove,	25,905
	Pine Grove,	885
Trees and shrubs planted,	Rural,	54
	Oak Grove,	169
	Pine Grove,	8
Flower and shrub beds,	Rural,	72
	Oak Grove,	61
	Pine Grove,	11
	Griffin street,	3
Cost of maintenance,	Rural,	\$12,277.69
	Oak Grove,	7,959.57
	Pine Grove,	773.72
	Griffin street,	62.33
Total No. of interments,	Rural,	10,749
	Oak Grove,	10,928
	Pine Grove,	486
Average No. of employees,	Rural,	29
	Oak Grove,	25
	Pine Grove,	2
Teams,		4

I desire to call the attention of the board to the imperative need of the extension of the water main in the cemeteries — 1,000 feet should be laid in Rural, and 2,000 feet in Oak Grove, for the convenience of the public and the protection of flower beds, lawns and avenues, remote from the present water supply.

Respectfully submitted,

CHARLES F. CORNELL,
Superintendent.

LIST OF PROPERTY.

RURAL CEMETERY.

OFFICE.

1 Desk,	1 Table,
4 Office Chairs,	2 pairs Curtains,
1 Framed Plan of Cemetery,	1 box Working Plans.

TOOL HOUSE.

2 Lowering Devices,	1 Transportation Wagon,
1 Watering Cart,	25 Round Pointed Shovels,
25 Snow Shovels,	7 Hoes,
11 Pitch Forks,	9 Sod Cutters,
6 Spades,	20 Iron Rakes,
2 Wooden Rakes,	3 Axes,
1 Level,	2 Bill Hooks,
24 Picks,	24 Grub Hoes,
40 Small Drills,	2 Blowing Drills,
1 Blowing Spoon,	3 Drilling Hammers,
2 Sledge Hammers,	2 Striking Hammers,
1 Paving Hammer,	2 Stone Hammers,
11 Iron Bars,	2 Claws,
1 Steel Square,	3 Trowels,
3 Grave Forms,	3 Derricks,
1 Hydraulic Pump,	19 Wheel-barrows,
4 pairs Grave Rests,	1 Step-ladder,
1 Bier,	2 Vases,
2 Grind-stones,	10 Iron Stakes,
1 Snow Plow,	14 Lawn Mowers,
9 Watering Cans,	3 Tents,
3 Grave Linings,	2 Grave Canvasses,
1 Paving Pounder,	1 Ensign,
6 Scythes,	6 Scythe Sticks,
2 Carpenters' Hammers,	1 Stove,
1 Hedge Trimmer,	1 Boat,
20 Oil Cups,	2 Pruners,
2 Weeders,	29 Fountain Covers,
2 Hose Nozzles,	2 Augers,
38 Settees,	3 Lawn Sprinklers,
1 Hose Reel,	2 Stone Rollers,
2 Ladders,	1 Large Tool-box,

1 Sand Box,	6 Bushel Baskets,
200 ft. New Hose,	75 Small Pails,
1 Vise,	400 ft. Hose,
15 Small Tool-boxes,	23 P. C. Signs,
23 Grass Hooks,	10 Wrenches,
20 Grass Shears,	1 Chisel,
1 Putty Knife,	1 Glass Cutter,
20 Rubbish Cans,	20 Pail Racks,
200 Bound Stones, (Terra Cotta)	2 Buck Saws,
1 Cross-cut Saw,	3 pairs Rubber Boots,
1 Horse Roller,	1 Water Ballast Roller.

OAK GROVE CEMETERY.

OFFICE.

1 Desk,	1 Table,
3 Chairs,	1 Large Framed Plan of Cemetery,
1 Framed "Rules and Regula- tions,"	1 Book of Plans.

GREEN-HOUSE.

4 Heaters,	2 Stoves,
150 ft. Hose,	4 Thermometers.
8000 Flower Pots,	

TOOL-HOUSE.

1 Express Wagon,	1 Transportation Wagon,
1 Hand-cart,	1 Watering Cart,
1 Hydraulic Pump,	1 Grave Pump,
2 Lowering Devices,	12 Lawn Mowers,
10 Grass Shears,	30 Lawn Mowers' Cogs,
20 Grass Hooks,	9 Wheel-barrows,
350 ft. Rubber Hose,	3 pairs Rubber Boots,
3 Derricks,	1 Coil New Rope,
4 Watering Cans,	1 Spraying Pot,
17 Iron Rakes,	1 Horse Drag,
2 Canvass Awnings,	2 Grave Linings,
4 Grave Canvasses,	1 Stencil Plate,
1 Stamp "Oak Grove Cemetery,"	1 pair Hedge Shears,
1 Lawn Sprinkler,	12 Forks,
15 Iron Bars,	13 Sod Cutters,
8 Sod-pounders,	7 Wooden Rakes,
1 Horse Roller,	1 Horse Shovel,
1 Plow,	1 Snow Plow,
1 Bier,	24 Rubbish Cans,

20 Bucket Racks,	25 Settees,
57 Water Pails,	1 Plane,
2 Hand Saws,	8 Trowels,
8 Grave Rests,	30 Iron Grave Pins,
3 Chains,	4 Hammers,
1 Grind-stone,	4 Pruners,
6 Axes,	3 Hatchets,
6 Scythes,	11 Scythe Sticks,
8 Bushel Baskets,	14 Snow Shovels,
31 Shovels,	4 Hoe Weeders,
46 Drills,	1 Blowing Drill,
20 Maddocks,	32 Hoes,
3 boxes Glass, 18x20,	16 Pick-axes,
8 Pick-ax Handles,	12 Brooms,
1 Lawn Roller,	2 Ladders,
4 Grave Planks,	2 Grave Frames.
1 Water Ballast Roller,	

SUNDRIES.

1 Iron Vase,	4 Signs "Rules and Regulations,"
6 Signs "No Dogs Allowed,"	20 Public Ground Signs,
58 P. C. Signs,	10 Signs "Keep Off the Grass."

PINE GROVE CEMETERY.

1 Desk,	Plans,
2 Lawn Mowers,	300 ft. Hose,
2 Iron Bars,	1 Pick Ax,
3 Shovels,	1 Grave Canvass,
1 Grave Lining,	6 Drills,
1 Ax,	1 Hand-cart.
1 Watering Wagon,	

OFFICE,
MERCHANTS BANK BUILDING.

16 Chairs,	1 Letter Press,
2 Desks,	1 Type-writer,
1 Type-writer Desk,	12 Plat-books,
1 Cabinet for Plat-books,	1 Case with Working Plans,
3 Large Maps, (Framed)	1 Card Index,
1 Book Case,	1 Clock,
1 Cabinet,	"Acts and Resolves of Massachusetts Legislature, 1887-1901."
1 pair Scales,	
2 Tables,	

The demand for single graves for a small consideration is very great, and a large section is now provided in both Oak Grove and Rural Cemeteries, where single graves are supplied at a price within the purchasing ability of citizens of moderate means. These sections are in the improved portions of the grounds. The price of the graves is \$10.00 and they are in Perpetual Care.

We believe, also, that the city should establish the policy of furnishing its unfortunate citizens with single graves for the consideration of \$5.00. We know that great effort is made by friends and relatives to keep their dead from a free burial, and obtain a final resting place over which they can have control, and for that purpose the department has supplied a portion in each ground.

A demand for small lots available for only two interments has also been provided for this year.

The Cemetery Board have endeavored at all times to protect the interest of persons interested in the cemeteries under their charge. They have given liberally of their time in meeting the various questions which have arisen, and in planning an administration which, it is hoped, has reflected credit upon the city.

We wish to record our appreciation of the Mayor's interest in this department. We look for the continued co-operation and interest heretofore shown us by the City Council, which has ever been most reasonably disposed to this department and its work.

Respectfully submitted,

JOHN G. NICHOLSON, Chairman.

WILLIAM M. HIGHAM,

CHARLES H. VINAL, Secretary.

IN BOARD OF ALDERMEN,
January 23, 1903.

Received, ordered printed in the City Documents, and sent
down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,
January 23, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

1903. CITY DOCUMENT No. 16.

ANNUAL REPORT

OF THE

INSPECTOR OF MILK, PROVISIONS AND ANIMALS

OF THE

CITY OF NEW BEDFORD.

For the Year Ending December 31, 1902.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

REPORT

OF THE

Inspector of Milk, Provisions and Animals.

NEW BEDFORD, MASS.,
Dec. 31, 1902.

*To His Honor the Mayor, the Board of Aldermen and
City Council of the City of New Bedford:*

GENTLEMEN:—The report of this office is herewith respectfully submitted.

The main questions occupying this office is the procuring for the citizens of New Bedford, pure, unadulterated, wholesome, standard quality milk, meats and provisions. There is no person who realizes the value of pure milk, both as regards its food value and as a protection against disease, more than the inspector, and I have made it a duty to procure this end by whatever methods, provided they be honest and legitimate that in my own experience, and that of others who know the value of what they suggest, seem under the circumstances the most promising, and it is a fact that as a result New Bedford's milk supply is second to none in this state or country.

The inspector's office at No. 137 Pleasant street, is open during business hours every day, and is visited by

the public in all matters relating to the questions of milk, provisions and animals, such as bringing samples of milk and provisions for inspection and investigation, and making inquiries and complaints on various matters, all such complaints have been cheerfully and thoroughly investigated to the perfect satisfaction of all parties interested.

No person need be in doubt about the purity of their milk supply, or the quality of meat, poultry, fish or provisions of any sort, when a visit to this office, provided by law for the use of the public, will give all the needed information and assistance.

The quantity of milk brought into this city averages about twenty-seven thousand quarts per day, and I have not found but one sample out of over eight hundred examined that was below the standard required by law.

It is my duty to make an inspection of all cattle owned within the city limits, and ascertain their condition as to the existence of contagious diseases, and the general condition and cleanliness of said cattle.

Also to minutely examine the barns, stables, or other enclosures in which cattle are kept, with reference to their situation, cleanliness, light, ventilation and water supply, all of which I make out a detailed report with names, etc., etc., to the State Board of Agriculture, which is embodied in their annual report to the Legislature. This year I have condemned four places where cattle were being kept, and they have been abolished, and now the cattle and their abodes are in better condition than ever before.

I have caused to be killed during the year 12 glander'd horses, and 7 tuberculous cows, and proved my diagnosis by post mortem examination. And have also quarantined all sick and debilitated animals coming under my notice during the year.

I inspect the slaughter of all animals killed for food purposes within the city limits, and condemn all that are diseased. I have also condemned and destroyed large

quantities of meats, vegetables and fruits, as being unfit for food purposes.

During the present year we have been visited by a disease among cattle, sheep, and swine, known as Foot and Mouth disease. Luckily it has not made its dreaded appearance in our city as yet, but is still raging over quite an extended section of the state. This has caused an extra inspection of all animals within the limits of our city, and very much extra work besides, in keeping the quarantine in force, and making investigations as to all kinds of suspected cases, many of which have been brought to my notice by the public, who were honest, and anxious to keep the dreaded disease at a distance, and to all who have thus interested themselves, I take this method of returning to them my sincere thanks.

We would have, no doubt, been visited by the disease long ago, had it not been for the able management of Dr. Austin Peters, Chief of the State Cattle Bureau, and I can truly attest to the good fortune of the public, in having so efficient and able, honest, conscientious and impartial, thoroughly qualified man, as the leader in suppressing this disease, who has worked night and day under the most trying circumstances imaginable, and all those who have found fault with his management of affairs, during the existence of this terrible epizootic, if their qualifications and executive ability should be weighed in the balance with those possessed by this eminent veterinary surgeon, would be found sadly wanting.

I have issued 318 licenses for the sale of milk, and oleomargarine, at fifty cents each, which has been paid into the city treasury.

My duty is also to seize, quarantine, condemn and kill all animals suffering with contagious or infectious diseases, after a thorough and careful examination and test, and it has been my pleasure to strictly and impartially perform this duty to the best of my ability, and the

INSPECTOR'S REPORT.

full extent of my authority, thus giving to the inhabitants of New Bedford as little danger as is possible of contracting these fatal diseases, which are carried to the human family by contagion and infection.

Respectfully submitted,

DR. D. C. ASHLEY,

Inspector.

IN BOARD OF ALDERMEN,
Feb. 26, 1903.

Received, ordered printed in the City Documents, and
sent down for concurrence.

WM. S. COOK, Ass't City Clerk.

IN COMMON COUNCIL,
Feb. 26, 1903.

Concurred.

W. H. B. REMINGTON, Clerk.

1903—CITY DOCUMENT No. 17.

LIST OF JURORS.

CITY OF NEW BEDFORD.

1903.

CLERK'S OFFICE,

March 4, 1903.

This certifies the following to be a correct list of persons prepared as provided by law to serve as jurors for the year 1903.

Attest:

DANIEL B. LEONARD.

City Clerk.

A

Adams Alexander H. 115 Park, printer
Adams Charles H. 535 County, no occupation
Adams Stephen F. 223 Maxfield, merchant
Adshead Frank, 83 Walden, machinist
Akin Charles G. 3 Morgan terrace, merchant
Akin James, 24 High, mechanic
Albiston Roger W. 718 County, tailor
Allen Daniel E. 76 Shawmut ave., butcher
Allen Daniel R. 171 Smith, waiter
Allen George F. 239 Arnold, retired
Allen James H. 68 Foster, machinist
Alley Alfred G. Jr. 53 Chestnut, grocer
Alley Ernest V. 257 Palmer, advertising writer
Almy Norman L. 21 Morgan, retired
Almy Walter C. 2 Green, clerk
Almy William T. 37 Purchase, shoemaker
Ames Yorick W. 325 Middle, janitor
Andress Benjamin A. 408 Kempton, clerk
Andrews Thomas L. 233 Acushnet ave., grocer
Andrews Wilson P. 169 Acushnet ave., carpenter
Anthony Elisha D. 7 Maple, broker
Anthony George W. 193 Emerson, druggist
Arey Allen C. 159 Washington, gas fitter
Arnold Thomas S. 7 LaFrance ct., store keeper
Arnott George, 12 Margin, spinner
Ashley Isaac L. 66 Spring, stable
Ashley Joshua B. Jr. 78 North, marketman
Ashley Moses E. H. 99 Fair, clerk
Atwood Herbert M. 49 Smith, carpenter
Atwood William W. 244 Pleasant, janitor

B

Bachelder Percy E. 27 Dartmouth, civil engineer
Backus George F. 211 Rivet, engineer
Baker Ansel G. 183 Fourth, machinist
Baker Daniel W. 60 Fifth, grocer
Baker George O. 261 County, retired
Baker Michael A. 82 Chestnut, master mariner
Baldwin George W. 385 Cottage, blacksmith
Bancroft Julius V. 194 Pleasant, street sprinkler
Bannister John W. 194 Pleasant, merchant
Bannon James S. 11 Hyacinth, barber
Bannon John H. 11 Hyacinth, plumber
Bannon Lawrence A. 11 Hyacinth, stone cutter
Bannon William F. 11 Hyacinth, assessor
Barrows Eugene M. 662 County, paint manufacturer
Barry Richard Jr. 285 Cedar, clerk
Bartlett Clarence H. 450 County, clerk
Bassett Andrew H. w. s. Tobey road, butcher
Bassett Ellery R. 166 Mill, electrician
Bassett Walter H. 185 Pleasant, manager
Bates Edwin A. 154 North, real estate
Bates James W. 154 Mill, grocer
Bates Lot B. 425 Acushnet ave., grocer
Bates Orrin, 62 Hillman, confectioner
Baudoin Edouard H. 303 County, jeweler
Baylies Charles S. w. s. Acushnet ave., clerk
Bearse Albert C. 7 Franklin, shipping clerk
Bearse Clarence A. 7 Franklin, carpenter
Beetle John H. East French ave., lumber surveyor
Begley Edward J. 15 Chestnut, plumber
Bennett William H. 5 Richmond, grocer

LIST OF JURORS.

Bentley George B. 24 Mosher, top roll coverer
Bentley Loren T. 40 Bowditch, second hand
Bentley Samuel E. 69 County, retired
Bessey James A. 184 North, printer
Blackmer Herbert A. 46 So. Sixth, druggist
Blair John K. 95 Morgan, sign painter
Blake George A. 183 Kempton, clerk
Bliss William, 134 Arnold, clerk
Bly Leslie A. 37 Madison, machinist
Bly William L. 67 So. Sixth, clothing
Booth Edward H. 35 Durfee, car inspector
Booth Zachariah E. 311 County, bookkeeper
Borden Albert E. 265 Mill, clerk
Borden Charles F. 275 County, pattern maker
Borden George B. 1285 Rockdale ave., farmer
Borden Harrison T. 10 Fair, wood and coal
Borden Thomas J. 5 Stone, machinist
Bouchard John, 31 Richmond, barber
Bowen George H. 63 No. Second, moulder
Bradford Edgar V. 145 Newton, overseer
Bradley William E. 300 County, foreman livery stable
Braley George A. 73 Dean, belt maker
Braley Jasper W. Jr. 619 County, grocer
Braman Frederick A. 38 Foster, assistant engineer
Brawley Edward L. 68 Walden, clerk
Brennan John W. 144 Willis, foreman
Briggs Allen G. w. s. Tobey road, blacksmith
Briggs Byron A. 37 Campbell, carpenter
Briggs Charles F. 48 Walnut, teamster
Briggs George E. 1 Fair, builder
Briggs Philip S. 173 Aushnet ave., salesman

Brightman Charles O. 82 Mill, contractor
Brightman George F. 1242 Acush. ave., master mariner
Brightman Harry C. 187 Pleasant, clerk
Brightman Harry S. 101 Allen, polisher
Broadbent William S. 610 County, steam fitter
Bromley David, 951 So. Water, grocer
Brooks Arthur T. 191 River road, machinist
Brooks John B. 191 River road, engineer
Brown Charles H. 25 Willow, clerk
Brown James H. 212 North, machinist
Brown Oliver F. 139 Cottage, retired
Brown William L. G. 114 Sycamore, florist
Brownell Charles T. 153 Mt. Pleasant, farmer
Brownell Clarence H. 87 Mill, clerk
Brownell Elmer W. 83 Florence, grocer
Brownell Elnathan C. 354 County, marketman
Brownell Gilbert K., Reed, insurance agent
Brownell Herbert J. 133 Chestnut, clerk
Brownson George L. 1043 Acushnet ave., mason
Bryant Aaron C. 721 Kempton, carpenter
Bryant Alden H. 721 Kempton, jeweller
Buchell Charles N. 51 Russell, shoe dealer
Burbank John T. 68 Parker, bookkeeper
Burgess Charles T. 74 Willis, shoecutter
Burgess George W. 68 So. Sixth, machinist
Burns Albert M. 54 Hillman, grocer
Burns Robert O. 215 Arnold, clerk
Burt Henry P. 355 Union, retired
Butler Harry W. 51 Locust, reporter

C

Caldwell Albert F. 101 No. Ash, carpenter
Calhoun Charles S. 212 Purchase, baker
Canfield John H. 10 DeWolf, shoemaker
Cannon Albert, 54 Willis, clerk
Carroll Charles M. 178 Arnold, clerk
Carroll William A. 88 Liberty, carpenter
Carroll William E. 88 Liberty, carriage maker
Carter Edward H. 275 Pope, carpenter
Carter John W. 71 Cedar, porter
Case George W. T. 184 Court, jeweler
Case Isaac R. 625 County, clerk
Caswell Oscar F. 72 Hillman, blacksmith
Chadwick Edward E. 118 Mill, meat and provisions
Chadwick Joseph W. 103 Oak, foreman Twist Drill
Chadwick William L. 117 Mill, grocer
Champion John T. Court cor. Liberty, tailor
Chase Charles F. 24 Howard av, carpenter
Chase Frank B. 72 Willis, clerk
Chase Walter F. 7 Ocean, ship carpenter
Chase William F. 318 Mt. Pleasant, farmer
Chase William R. 129 Hillman, insurance agent
Chausse Joseph, 126 Mt. Pleasant, grocer
Churchill Benjamin J. 428 Kempton, gas fitter
Clark Frederick C. 42 Dartmouth, mill operative
Cleveland George H. V. D. 69 Forest, baker
Clynes Thomas J. 643 Purchase, dry goods
Cobb George A. Bridge road, tinman
Coit Manuel, 3 Warwick, clerk
Cole Theodore W. 74 Hillman, marble worker
Cole William, Jr. 196 Grinnell, treas. Co-op Assn

LIST OF JURORS.

7

Collins Williston H. 20 Arch, book manufacturer
Cook Clarence A. 277 Union, superintendent
Cook D. Herbert, 45 Maitland, mason
Cook Frederick B. 18 Pleasant, janitor
Cook Otis Pierce, 212 Summer, clerk
Cooke Frank T. 266 Fourth, baker
Cooke Robert, 266 Fourth, baker
Coombs Charles S. 79 Mill, clerk
Cooper William E. 551 Kempton, grocer
Cornell Charles C. 34 Jenney Lind, market
Cornell Charles R. 283 County, stableman
Cornell Lester S. 283 County, clerk
Cornish Clifton H. 192 Grinnell, insurance
Corson Henry T. 643 County, druggist
Cory George A. 138 State, carpenter
Covell William P. 14 Pope, clerk
Covill Frank O. 53 Emerson, clerk
Coxen Charles H. 109 Durfee, grocer
Cranston William W. 143 Washington, upholsterer
Crapo George G. 168 Shawmut av, teamster
Cretien Ovilla, 180 State, weaver
Croacher Frank, 174 Fourth, lumber dealer
Croacher Thomas W. 121 Fifth, sash and blind maker
Cronin Edward L. 119 Maxfield, merchant
Cross William O. 61 Summer, carpenter
Crowley, Timothy, 111 Cedar, machinist
Cuddy Edward C. 16 Cottage, clerk
Cummings Benjamin, 31 Clinton, grocer
Cummings Frank A. 116 Fourth, grocer
Curry George F. 19 Columbia, carpenter
Curtis Leonard O. 109 Newton, music teacher

Cushing Charles F. 426 Union, merchant
Cushman Harvey, 298 County, grocer

D

Dalbec Edmond, 324 Cedar Grove, conductor
Dammon William F. 136 Campbell, clerk
Dantsizen John G. 25 Cedar, upholsterer
Darling Edgar W. 390 Purchase, grocer
Darling Floyd E. e. s. Tobey road, clerk
Darling Franklin M. w. s. Tobey road, clerk
Davenport August M. Elm and Palmer, painter
Davis Charles E. 17 Chestnut, machinist
Davis Edward G. 195 Shawmut ave, florist
Davis Henry V. Jr. Ocean cor. Arnold, foreman
Davis Herbert E. 135 Locust, motorneer
Dawe Frederick C. 907 County, machinist
Deacon William, 417 Union, plumber
Dean A. Herbert, 217 Middle, clerk
Dean Charles F. 59 Elm, painter
Dean George F. 15 Borden, clerk
Dehn George R. 23 Linden, baker
Delano Charles H. 14 Myrtle, machinist
Delano George H. 443 Cottage, conductor
Desmond Joseph C. 181 Summer, clerk
DeWolf Alfred W. 109 Elm, hardware dealer
Dexter Arthur A. 56 Campbell, druggist
Dexter Howard N. 56 Campbell, shoemaker
Dion Jean B. 78 Mt. Pleasant, merchant
Dodge George J. 43 Mill, cabinet maker
Dohoney Daniel J. 285 Middle, clerk

LIST OF JURORS.

9

Donaghy Thomas Jr. 103 Acushnet ave., clerk
Douglass Frank M. 18 Cedar, druggist
Dow William A. 170 Chancery, shipping clerk
Doyle Patrick J. 3 No. Oak, mill operative
Drake Albert B. 121 Cottage, civil engineer
Drake Charles E. 160 William, civil engineer
Driscoll Daniel F. 37 Linden, grocer
Driscoll Michael E. 37 Linden, clerk
Dudgeon Samuel, 74 Willis, clerk
Duggan James P. 89 Chancery, merchant
Dunham Frederick C. 82 Dean, silver plater
Dunham John A. 119 Court, insurance agent
Dunham Zaccheus C. 36 Madison, collector

E

Easton Charles F. Jr. 555 Kempton, barber
Eddy George M. 8 Maple, retired
Eggers George A. 72 So. Chancery, gunsmith
Eldridge Frederick E. 295 Park, clerk
Ellison Henry W. 56 So. Emerson, merchant
Emery John C. 57 Bedford, Twist Drill
Ennis Charles T. 114 Fourth, clerk
Ennis John H. 17 Maitland, painter
Estes Andrew L. 115 Campbell, carpenter

F

Fairchild Thomas H. 53 Fifth, druggist
Faisneau George E. Jr. 43 Sycamore, clerk
Faunce Charles L. 13 Pope, carpenter

Ferguson James, 49 State, shoemaker
Field Edward H. 286 Pleasant, clerk
Field Lynn A. 2 Foster, printer
Fish Andrew J. 279 Palmer, tailor
Fisher Arthur F. 105 Tremont, harness maker
Fisher Sidney S. 6 Franklin, motorman
Fitch Horace A. Mansion House, electrician
Foley William F. 1017 Purchase, spinner
Folger Charles E. 61 Hillman, bookkeeper
Footman John W. 131 Elm, blacksmith
Ford N. Ernest, 67 Willis, agent
Fowler William, 14 Mt. Vernon, assistant supt.

G

Gammons Edgar H. 22 Grand, teamster
Gardner Arnold C. 439 County, clerk
Gardner Oliver H. 48 North, carpenter
Gay George F. 29 Rounds, carpenter
Gay Harry M. 115 Chancery, carpenter
Geils Charles H. 76 Thomas, reporter
Gibbs William H. H. 59 Shawmut av, eylet maker
Gibson Samuel S. west side Tobey road, mason
Gifford Abraham, 355 Court, carpenter
Gifford Edward W. 78 Durfee, clerk
Gifford Pardon B. 101 Morgan, reporter
Gifford Richmond A. 279 Cottage, clerk
Gifford Theodore C. 355 County, clerk
Gifford Timothy M. 44 State, clerk
Goff George H. 157 Emerson, carpenter
Gooding Robert A. 177 Cedar, carpenter

Goodwin Albert, 180 Middle, janitor
Gorham Robert S. 79 Morgan, clerk
Greene Matthew L. 22 North, machinist
Greer George, 342 Middle, retired
Greer John, 148 Rotch av, overseer
Grinnell Charles H. w. s. Tobey road, clerk
Grow Charles F. 82 Morgan, insurance agent
Gurl Henry J. r. 893 County, plumber
Gurney Frank J. e. s. Tobey road, farmer

H

Habicht Frank A. 28 Cottage, printer
Hamblen Robinson P. 17 Bay, printer
Hambly Byron B. 81 Park, machinist
Hammond John N. Tobey road, w. side, carpenter
Hammond William J. 78 Morgan, twist drill
Hand William H. Jr. 464 County, yacht designer
Handford Joseph, 942 Acushnet av, mule spinner
Handy Leon S. 225 Grinnell, printer
Harlow Michael F. 363 Coggeshall, loom fixer
Harrison Samuel, 108 Division, grocer
Haskell Edward S. 9 Eighth, florist
Haskins Elmore P. 95 Chestnut, carpenter
Haskins Herbert K. 87 Chestnut, carpenter
Hatch George C. Jr. 1213 Acushnet av, clerk
Hatch Vinal F. 33 Sycamore, bookkeeper
Hathaway Andrew B. Hathaway road, florist
Hathaway Charles R. 18 Campbell, clerk
Hathaway Franklin B. Elm and Palmer, bldg mover
Hathaway Henry C. Jr. 62 Campbell, clerk

Hathaway Henry W. Hathaway road, farmer
Hathaway James L. 72 Willis, bookkeeper
Hathaway Jethro H. 498 Cottage, carpenter
Hathaway John W. Hathaway road, farmer
Hathaway Leonard J. Jr. Sassaquin, surveyor
Hathaway Merton L. 251 Hawthorn, clerk
Hathaway Thomas S. 385 County, merchant
Hathaway William E. 411 Cedar, hay and grain dealer
Hawes Frederick B. Tobey road, bookkeeper
Hawes William, 60 Sycamore, retired
Hawes William C. 73 Borden, banker
Hayden Abram L. 181 Smith, janitor
Hayes Lemuel W. 69 Sycamore, engineer
Hazard Alton L. 59 Hill, carriage painter
Headley Phineas Camp, Jr. 5 Lincoln, cotton broker
Healey Edward H. 235 Park, clerk
Healey Thomas F. n. s. Belleville road, assessor
Henderson Adam C. 807 Kempton, printer
Herlihy Patrick, 54 Washburn, stone cutter
Higgins Edward O. 1267 Rockdale ave., plumber
Higham Hiram Jr. 110 Merrimac, overseer
Hillman Frederick G. 1036 Acushnet ave., clerk
Hindle William T. 279 Pleasant, clerk
Hook Gilman E. 21 Columbia, contractor
Hough George A. 85 Campbell, editor
Howland Edgar F. 84 Forest, spar maker
Howland Ellis L. 64 Borden, reporter
Howland Ezra, 284 Union, farmer
Howland George, 284 Union, farmer
Howland Henry, 280 Pleasant, merchant
Howland Paul Jr. 91 State, engraver

Hoxie Frank C. 155 Washington, pattern maker
Hoye James F. 15 Pope, insurance agent
Huggins Leon M. 56 No. Sixth, reporter
Humphrey Harry J. 11 Round, clerk
Humphrey Horace L. 11 Round, clerk
Hunt Josiah, 198 Grinnell, treasurer
Hunt Raymond Z. 143 North, operative.
Hunt Samuel C. 146 Maxfield, architect

J

Jackson George, s. s. Perry, mason
Jackson Thomas W. 597 Maxfield, barber
James Clarence H. 181 Fourth, accountant
James Herbert L. 1130 Rockdale ave., carpenter
Jean Louis, 65 Merrimac, clerk
Jenney Charles C. 37 Bay, machinist
Jenney Harry C. 75 Campbell, superintendent
Jenney Walter A. 151 Kempton, machinist
Jenney William B. 174 Grinnell, mason
Jenney William T. 170 Grinnell, accountant
Jennings Charles S. 357 Reed, clerk
Jennings Clark H. 357 Reed, driver
Jennings Harrie B. 358 Reed, bookkeeper
Jennison Charles J. 467 Acushnet avenue, pattern maker
Jewett William N. 216 Grinnell, merchant
Jordan Roger P. 225 Park, barber

K

Kane James W. 530 Cottage, foreman
Kean Charles H. 135 Locust, electrician

Keen Charles F. 79 Locust, carpenter
Keen Leonard Jr. 39 Parker, carpenter
Kelleher Daniel, 300 Purchase, bomb lance manufacturer
Kelleher Daniel J. 433 Purchase, printer
Kelley John T. 256 Fourth, solderer
Kelley L. Aubert, 253 Acushnet ave., pressman
Kelley William E. 158 Grinnell, bookkeeper
Kern William E. Jr. 27 Dartmouth, clerk
Kilburn Frank J. 264 County, machinist
Kilburn James F. 166 Grinnell, machinist
King Charles J. 107 Robeson, machinist
King Benjamin F. 690 Cottage, conductor
King Burgess T. w. s. Elm n. Reed, carriage maker
King Isaiah, 67 No. Ash, jobber
King Philip R. 95 Willis, carriage maker
Kirby Frank R. 150 Cottage, merchant
Kirby William P. 92 Washington, machinist
Kirk John F. 94 State, grain business
Knowles Thomas P. 400 Pleasant, plumber
Knowles John W. 10 Orchard, superintendent
Knox William J. 178 Smith, clerk
Krober William G. 35 Tremont, florist

L

Lagasse Adolph P. 196 Rivet, undertaker
Lamb William G. 406 Union, janitor
Langshaw Walter H. 314 County, superintendent
Lapham Leonard C. 183 Pleasant, clerk
Lawrence George W. e. s. Tobey rd. mason
Leach William H. H. 75 Sycamore, traveling salesman

Leach William W. 163 Maxfield, clerk
Leary Dennis Jr. 278 Austin, blacksmith
LeBaron Alonzo T. 46 Hill, eyelet maker
Lees Albert, Woodlawn ave., electrician
Lees Sidney, 29 Social, overseer
Lewin Charles, 247 Cedar Grove, loom fixer
Lincoln Arthur F. 286 Pleasant, conductor
Liuton Frank I. 107 Maxfield, carriage maker
Louis Thomas W. 228 North, barber
Lowe Samuel J. 86 Kempton, shoemaker
Lucas Everett A. 109 Hathaway ave., carpenter
Luce Thomas E. 146 Campbell, grocer
Luce William T. Jr. 427 Mill, grocer
Luscomb Frederick W. 101 Maxfield, machinist
Lyons Thomas H. 63 Robeson, driver

M

MacBride Robert, 11 Austin ct., watchman
MacKay William T. 173 Washington, machinist
Macomber George P. 774 County, copper works
Macy Arthur W. 161 Grinnell, jeweler
Macy Thomas W. 10 Allen, bookkeeper
Mahon George W. 115 Reynolds, car conductor
Maine Henry M. 36 North, carpet cleaner
Manchester James H. 690 Kempton, clerk
Manseau John D. 30 Durfee, clerk
Martin Edward H. 20 Pleasant, proof reader
Marts Andrew M. 295 Palmer, engineer
Mason John L. G. 53 North, mason
Maxfield Charles T. Mechanics lane, printer

Maxfield Frederick T. 191 Kempton, painter
McAfee John K. 63 Fifth, fruit dealer
McAuliffe Dennis J. 166 Allen, janitor
McBride John E. 291 Acushnet ave., printer
McCarty Mortimer, 27 Clark, teamer
McCullough John Jr. 55 Maxfield, merchant
McDonald Hugh J. 195 So. Second, carriage smith
McFarlin Albert C. 71 Spruce, driver
McGuinness John F. 95 Court, milliner
Meaney John J. 25 Crapo, carpenter
Meaney Thomas J. 25 Crapo, real estate agent
Mendell Benjamin W. 84 Parker, carpenter
Merrill Converse, 55 Chestnut, telegraph operator
Merritt George H., Plainville rd., farmer
Metcalf Frank M. 64 Foster, civil engineer
Milliken Lewis E. 73 Hillman, grocer
Mills William J. 809 County, retired
Monroe Frederick S. 474 Kempton, stenographer
Morrison Thomas, 79 Forest, watchman
Morse Willard H. 271 Pleasant, dry goods
Mosher Charles A. 202 Rockland, carpenter
Mosher Charles H. 1372 Rockdale ave., ice dealer
Mosher Frank T. 216 Rockland, carpenter
Moulton Augustus G. 56 Hill, bookkeeper
Munroe Robert C. r. 367 Kempton, plumber
Murkland Frank H. 55 Walnut, civil engineer
Murphy Dennis E. 24 Katherine, spinner
Murphy Edward M. 31 Richmond, clerk
Murphy Thomas D. 102 Merrimac, agent
Muspratt John 87 So. Sixth, printer
Myrick Walter R. 13 Eighth, clerk

N

Neal George A. 51 Cottage, shoe dealer
Nicholas Andrew F. 39 Bullock, shoe cutter
Nicholson John G. 115 Hillman, lumber dealer
Nofftz Richard, 969 Kempton, florist
Norcross John C. 345 Reed, mason
Norton Thomas J. 52 Locust, foreman
Nuttall James H. 82 Morgan, druggist
Nye George E. 359 County, machinist
Nye George H. 323 Cottage, civil engineer
Nye Pemberton H. 709 County, merchant

O

O'Brien John N. 103 Robeson, wood and coal
Oesting F. William, 689 County, trader
Offley John R. 289 Hillman, barber
Oman Charles A. 14 Allen, overseer
Oman Charles E. 14 Allen, third hand
Omerod James, 1039 County, shoemaker
O'Neal William H. 34 Emerson, salesman
O'Rourke William H. 60 Bay, asst. superintendent
Owen Alfred, 89 fruit, grocer

P

Paige Maurice W. 9 Mill road, salesman
Paige Walter H. 9 mill road, mill hand
Paine Olin S. 87 State, clerk
Parker James N. 91 School, salesman

Parsons Thomas L. 131 Elm, broker
Paul John W. 71 Morgan, insurance agent
Paulding John I. 4 Smith, salesman
Pease William W. 234 Shawmut ave., machinist
Peckham Frank B. 117 Court, fish dealer
Peckham Frank H. 59 School, teamster
Peckham Reuben B. lane off Tobey road, mason
Peirce Leland C. 61 Hillman, clerk
Pelan George A. 666 Purchase, retired
Pell Walter D. 428 Kempton, janitor
Perkins John A. 159 Hillman, roofer
Perry Henry C. 671 County, grocer
Phinney Nathan D. 221 Pleasant, gents' furnishings
Phinney Otis B. 84 Elm, clerk
Plummer Charles W. 163 Hawthorn, merchant
Plumber Leander A. Jr. 148 Hawthorn, artist
Poisson Ludger, 93 Mt. Pleasant, merchant
Pollock Frederick O. 171 Mill, janitor
Pool Arthur T., Plainville road, teamster
Pool Willard G. 232 Shawmut ave., carpenter
Pope Abner P. 63 Thomas, carpenter
Potter Charles W. H. 209 Summer, carpenter
Potter Edwin L. 60 Dartmouth, grocer
Potter Frederick S. 143 Hawthorn, broker
Potter Stephen R. 91 Court, clerk
Priaulx Peter, 177 Arnold, gardener
Price Charles R., Arnold place, treas. N. B. Gas & Edison
Electric Light Co.
Proulx Joseph, 26 Reynolds, druggist

Q

Quinn Joseph, 1 Hickory, laborer

R

Raphael William S. 16 Richmond, clerk
Raymond Calvin, Jr. 104 Smith, expressman
Raymond Charles, 85 Sycamore, night watchman
Reed Edmund A. 23 Cottage, clerk
Reed Leander, 35 Bay, grocer
Remington Emerald A. 87 Ashland, painter
Rexford George P. 68 School, machinist
Reynolds Alonzo F. 243 Chestnut, carpenter
Reynolds Edwin G. 210 Pleasant, livery stable
Reynolds William D. 178 North, salesman
Rice Arthur W. 595 Union, clerk
Rice Damon W. 174 Washington, clerk
Richards George D. 14 So. Sixth, house furnishings
Richards William D. 61 Fifth, stable keeper
Ricketson Orion, 146 State, plumber
Riley John S. 162 Chancery, rope maker
Riley Peter J. 109 Austin, boots and shoes
Robbins Charles B. 626 County, clerk
Robenolt Edward S. 23 Sycamore, janitor
Robinson Anthony, 239 Fourth, cigar manufacturer
Robinson William A. Jr. 84 Hawthorn, clerk
Rockefeller James B. 6 Keen, printer
Roddy James, 6 Pearl, retired
Rooney John P. rear 93 Bedford, gardener
Roy Arthur, 159 Coggeshall, teamer
Ruggles John A. Jr. 78 Chestnut, merchant
Russell Charles D. 22 Allen, salesman

Russell John A. w. s. Tobey road, farmer
Russell Nathaniel D. 31 Parker, retired
Russell Pardon Jr. 1107 Rockdale ave., ice dealer

S

Sadler George H. 74 Allen, foreman
Salley George E. 257 Palmer, printer
Sanders Henry V. 224 Pleasant, real estate agent
Sargent William A. 101 Ashland, motorman
Savage John, 688 Purchase, confectionery
Sawtelle Frank C. 34 Eighth, clerk
Saxon George E. 628 Purchase, retired
Scammons Joseph H. 131 Robeson, night watchman
Schuler Jacques, 33 Sycamore, shoe dealer
Schwall James B. 25 Bonney, druggist
Searell Charles T. 59 Kempton, carpenter
Senna Antone H. 120 Fourth, interpreter
Serpa Charles A. 48 So. Sixth, clerk
Shaw Charles F. 395 Purchase clerk
Shaw Elmer H. 25 Fifth, variety store
Sherman Albert C. 155 William, stable keeper
Sherman Clarence R. 248 County, carpenter
Sherman Frederick W. 62 Bedford, printer
Sherman James L. 43 Mill, lumber dealer
Sherman John D. 37 Vine, janitor
Sherman William C. 208 Acushnet ave., engineer
Shurtleff Israel H. 252 County, druggist
Sisson William H. A. 308 County, decorator
Silva Antonio Gomez, 288 Acushnet ave., barber
Slocum Francis R. 5 Maple, furniture dealer

Smith Abbott P. 25 Seventh, real estate
Smith George, Brock ave., mill overseer
Smith George T. 107 Cedar, gas fitter
Smith Henry W. 27 Seventh, photographer
Smith Hoyland, 229 Acushnet ave., bicycle dealer
Smith James, 91 County, spinner
Smith Nathaniel C. 597 County, architect
Smith Shubael D. Jr. 81 Mill, clerk
Smith William E. 9 Arch, dye house
Snell William G. 281 Park, foreman
Snell William L. 105 Bonney collector
Snow Loum, Page, merchant
Sowle Frederick L. 26 Sycamore, hardware
Spencer Samuel R. 76 Shawmut ave., printer
Spooner Albert F. e. s. Tobey road, carpenter
Spooner Daniel A. w. s. Tobey road, farmer
Spooner Edward F. 682 Kempton, ice dealer
Spooner James L. w. s. Tobey road, farmer
Spooner John A. 2d, e. s. Tobey road, carpenter
Spooner Roswell, e. s. Tobey road, farmer
Stafford George B. 58 Shawmut ave., grocer
Stanton Henry H. 12 So. Ash, clerk
Stetsón James A. 7 Anthony, civil engineer
Stevens Henry A. 1195 Rockdale ave., painter
Stirritt John H. 104 No. Ash, tinsmith
Stowell Alexander T. 814 Rockdale ave., shoemaker
Stowell Benjamin I. s. s. Elm e. of Reed, teamster
Stowell Frederick A. 806 Rockdale ave., ice dealer
Studley Alfred G. 199 Maxfield, bookkeeper
Sullivan Daniel F. 8 So. Ash, foreman
Swanton John D. 105 Hillman, shoemaker

Swift Anderson H. 74 South, carriage trimmer
Swift Edward B. 38 Willis, clerk
Swift Ezra J. 18 Campbell, yeast dealer
Swift Jireh Jr. 1 Clinton, merchant
Swift LeRoy W. 57 Cottage, bookkeeper
Swift Thatcher S. 118 So. Sixth, livery stable
Sylvester Robert R. 380 Kempton, shoe dealer
Sylvia Anthony L. 89 So. Sixth, merchant

T

Taber Arthur K. 100 Hillman, clerk
Taber Edward C. e. s. Acushnet ave., grocer
Taber Henry G. 201 Park, machinist
Taber Robert W. 48 Fifth, bookseller
Taylor George S. 510 Mt. Pleasant, loom fixer
Taylor William H. 233 Acushnet ave., machinist
Teachman George E. lane off Hathaway road, mason
Thompson James O. Jr. 223 Summer, superintendent
Thompson James W. 119 Maxfield, engineer
Thompson Thomas, 136 North Second, marble worker
Thorley Francis, 515 Rivet, carpenter
Tilden Andrew, 61 Cottage, confectioner
Tilton Albert A. 1127 Rockdale avenue, carpenter
Tilton Charles C. 396 Purchase, bookkeeper
Tinkham James T. 473 Cottage, contractor
Tobey Warren P. 39 Locust, publisher
Toomey Dennis H. rear 36 Linden, clerk
Topham William B. 15 Elm, accountant
Tourtelot William E. 65 Walden, printer
Tripp Augustus C. 80 Ashland, grocer

Tripp Benjamin C. 158 Arnold, carpenter
Tripp Christopher B. 12 Sherman, blacksmith
Tripp Edwin I. 99 Florence, butcher
Tripp Eliphalet A. 527 Cottage, agent
Tripp Everett C. 62 Shawmut ave., clerk
Tripp Frank G. 82 State, laundry
Tripp Myron E. 527 Cottage, machinist
Tripp Thomas B. 37 Allen, real estate agent
Tuell Frank P. P. 304 County, market
Turner Elbridge A., Hathaway road, shoemaker
Tuttle Francis L. 51 Bonney, agent

U

Underwood Arthur P. 48 Mill, clerk

V

Vaughan Harry C. 17 Borden, real estate
Vaughan Weston C. Jr. 323 Purchase, undertaker
Vinal Charles H. 103 Summer, accountant
Vincent Herbert M. 135 Acushnet ave., machinist

W

Wade Bernard C. 83 Willis, clerk
Warren David, 255 State, livery stable
Warren Joseph C. 182 Cove, carpenter
Washburn Francis P. w. s. Tobey road, carpenter
Washburn Fred C. 190 Pleasant, carpenter
Washburn George E. w. s. Tobey road, mechanic
Waterman William H. 9 Arch, retired
Watkins James B. 20 Allen, retired
Watson Charles, 765 Kempton, druggist

Webb Hezekiah, 122 High, porter
Webber Archie C. 88 Florence, clerk
Weeden Fred M. 42 Richmond, merchant
Welch Albert C. 69 Sycamore, salesman
Wentworth Frank W. 74 Walnut, merchant
West William F., north side Plainville road, painter
Wheaton Walter F. 64 Mill, publisher
Whittaker Benjamin, 254 Chestnut, electrician
Whittaker Henry 536 Purchase, section hand
Wicks Rodolphus D. 23 Jenny Lind, retired
Wilcox Benjamin, 399 County, superintendent
Wilcox Charles A. 274 Cedar, carpenter
Wilcox Frank S. 53 So. Sixth, broker
Wilde Cyrus, 181 Shawmut ave., mule spinner
Williams Manuel A. 24 Katherine, clerk
Wilson Daniel W. 43 Foster, retired
Wing Charles F. 37 So. Sixth, merchant
Wing Charles H. 84 Willis, agent
Winn Patrick J. 585 Acushnet ave., painter
Wood Francis T. 138 Fourth, shoemaker
Wood George R. 60 Fourth, lumber dealer
Wood Harry A. 91 State, bookkeeper
Wood William B. 3 Popes Island, merchant
Wood William H. 408 County, merchant
Woodward Francis 352 Union, cotton broker
Woolfenden John, 69 Dean, jeweler
Woolfenden Robert, 399 Pleasant, clerk
Wordell B. Franklin, 228 Pleasant, real estate
Wrigley James, 280 Sawyer, retired



York William, 888 Rockdale ave., clerk

Young George R. 63 No. Second, clerk

1903. CITY DOCUMENT No. 18.

CITY OF NEW BEDFORD.

ORDINANCES.

IN THE YEAR
ONE THOUSAND NINE HUNDRED AND THREE.



NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1903.

CITY OF NEW BEDFORD.

In the Year One Thousand Nine Hundred and Three.

AN ORDINANCE**To ESTABLISH A JOINT STANDING COMMITTEE ON
BATH HOUSES.**

Be it ordained by the City Council of the City of New Bedford, as follows:

SECTION 1. A Joint Standing Committee of the City Council, to be called the "Joint Standing Committee on Bath Houses," is hereby created.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN, Jan. 8, 1903.
Passed to be ordained.

CHAS. S. ASHLEY, Mayor.

IN COMMON COUNCIL, Jan. 8, 1903.
Passed to be ordained.

SAMUEL HIGHAM, President.

Approved Jan. 8, 1903.

CHAS. S. ASHLEY, Mayor.

A true copy. Attest:

D. B. LEONARD, City Clerk.

CITY OF NEW BEDFORD.

In the Year One Thousand Nine Hundred and Three.

AN ORDINANCE**AMENDING SECTION 2 OF CHAPTER X OF THE CITY
ORDINANCES RELATING TO POLICE DEPARTMENT.**

Be it ordained by the City Council of the City of New Bedford, as follows:

SECTION 1. Section 2 of Chapter X of the City Ordinances is hereby amended by inserting after the word "police" in the second line thereof the words "one deputy chief of police."

SECTION 2. The Deputy Chief of Police shall aid in the performance of any and all such duties as are prescribed in Section 4 of Chapter X, for the Chief of Police, under his direction or that of the Mayor and Aldermen; and in the event of the inability of the Chief of Police, by sickness or otherwise, to perform the duties of his office, the same shall, for the time being, devolve upon the Deputy Chief of Police.

SECTION 3. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN, Jan. 8, 1903.

Passed to be ordained.

CHAS. S. ASHLEY, Mayor.

IN COMMON COUNCIL, Jan. 8, 1903.

Passed to be ordained.

SAMUEL HIGHAM, President.

Approved Jan. 8, 1903.

CHAS. S. ASHLEY, Mayor.

A true copy. Attest:

D. B. LEONARD, City Clerk.

CITY OF NEW BEDFORD.

In the Year One Thousand Nine Hundred and Three.

AN ORDINANCE

**ENTITLED "AN ORDINANCE AMENDING CHAPTER XVI
OF THE CITY ORDINANCES, PROVIDING FOR THE
APPOINTMENT OF A WATER REGISTRAR BY THE
NEW BEDFORD WATER BOARD."**

Be it ordained by the City Council of the City of New Bedford, as follows:

SECTION 1. Section 5 of Chapter XVI of the Ordinances is hereby amended by adding after the word "water-works" in the second line thereof the words "a water registrar," so that said section as amended shall read as follows, viz.:

Said Water Board shall appoint a Superintendent of the Water Works, a Water Registrar, and all such subordinate officers, agents and assistants as may be found necessary and which said Board is hereby authorized to appoint. And all such officers, agents and assistants shall hold their respective offices or situations during the pleasure of said Board, and shall perform such duties respectively as the Board shall assign, and receive such compensation as the Board in the absence of any order of the City Council in relation thereto shall from time to time determine.

SECTION 2. Section 6 of said Chapter XVI is hereby repealed, and a new section inserted in place thereof to read as follows, viz: Section 6. Payment of all assessments for water rates shall be made to and collectible by the City Treasurer. And all moneys so received shall be placed by him to the credit of the New Bedford Water Board.

SECTION 3. Section 9 of said Chapter XVI is hereby amended in the first paragraph by inserting after the word "and" in the third line thereof the words "the preparation of and transmission to the City Treasurer of proper schedules of all assessments of water rates and bills for," so that said paragraph of said section as amended shall read as follows, viz.: Section 9. The Water Registrar shall have the charge, under the direction of the Board, of all matters connected with the delivery of the water and the preparation of and transmission to the City Treasurer of proper schedules of all assessments of water rates and bills for the payment therefor, and shall see that all rules and regulations of the Board or of the City Council in relation to the use of the water are observed and all the penalties for their violation enforced. For this purpose he shall every year and as much oftener as he may be directed by the Board, or may himself think proper, personally, or by an assistant under his direction, visit the premises of every person who takes the water, and in all suitable ways exercise a constant and careful supervision over its use.

SECTION 4. Section 9 of said Chapter XVI is hereby further amended by striking out the whole of the last paragraph thereof, and inserting in the place thereof a new paragraph, so that said paragraph of said section as amended shall read as follows: "The City Treasurer shall in his annual report to the City Council present

a detailed statement of all expenditures and receipts and financial matters connected with this department."

IN BOARD OF ALDERMEN, June 25, 1903.
Passed to be ordained.

CHAS. S. ASHLEY, Mayor.

IN COMMON COUNCIL, June 25, 1903.
Passed to be ordained.

SAMUEL HIGHAM, President.

Approved June 26, 1903.

CHAS. S. ASHLEY, Mayor.

A true copy. Attest:

DANIEL B. LEONARD, City Clerk.

BOUND

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